

FIG. 1A  
(PRIOR ART)

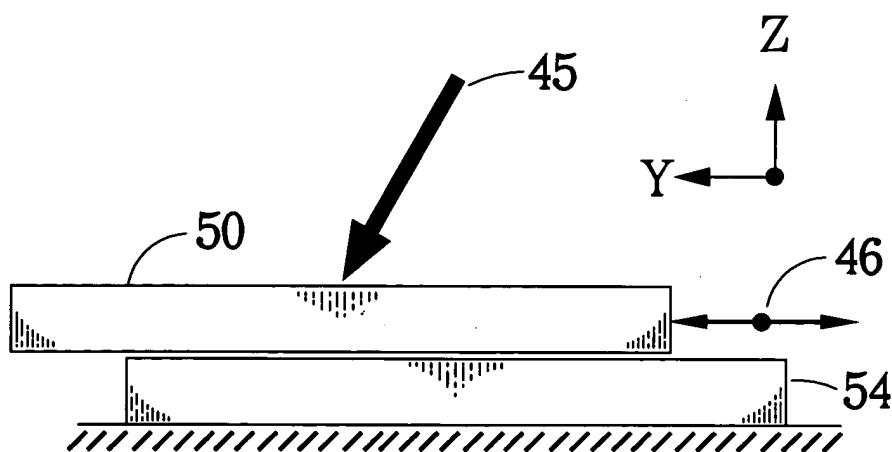


FIG. 1B  
(PRIOR ART)

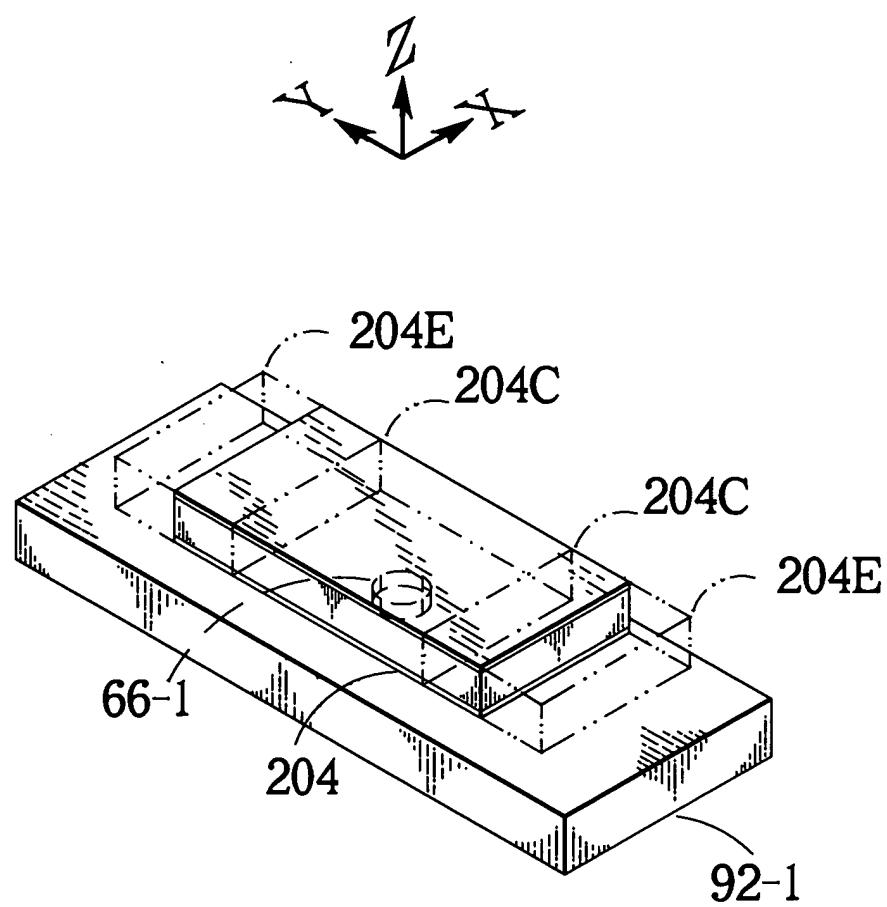


FIG. 2A

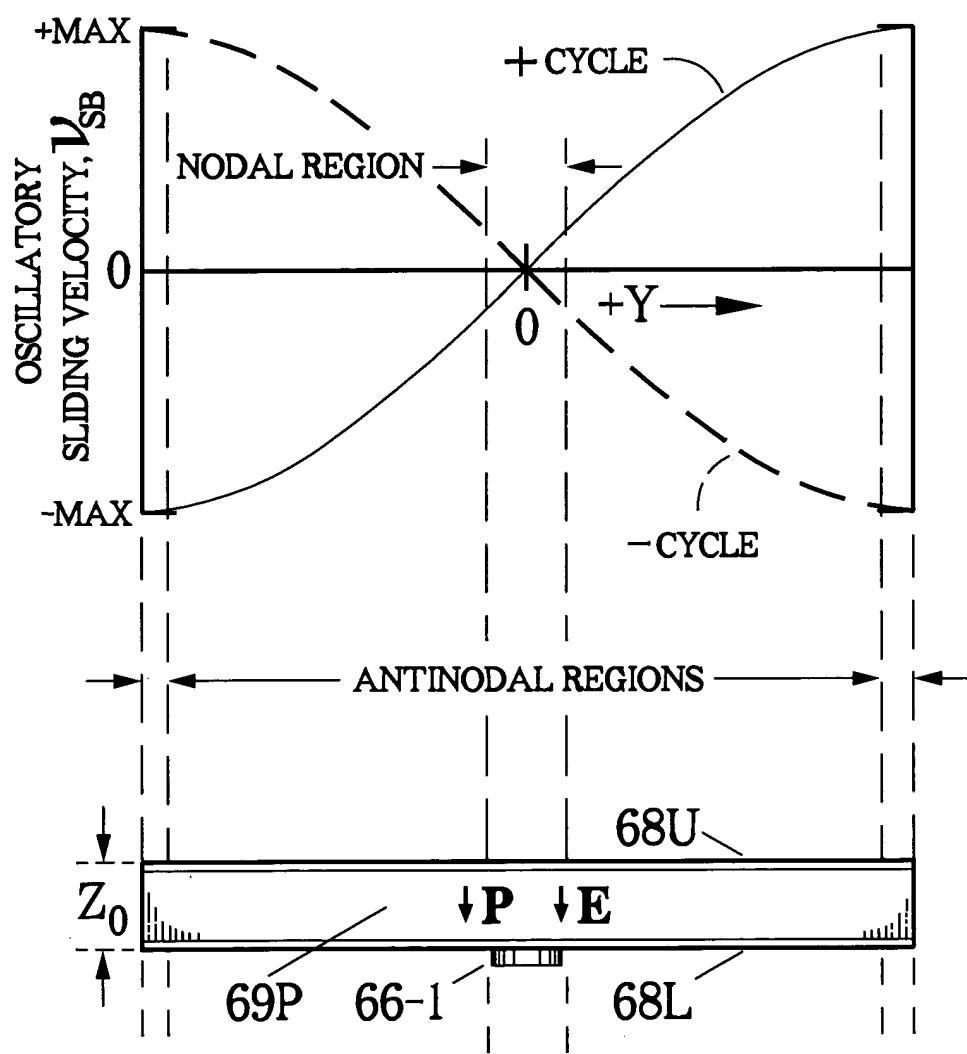


FIG. 2B

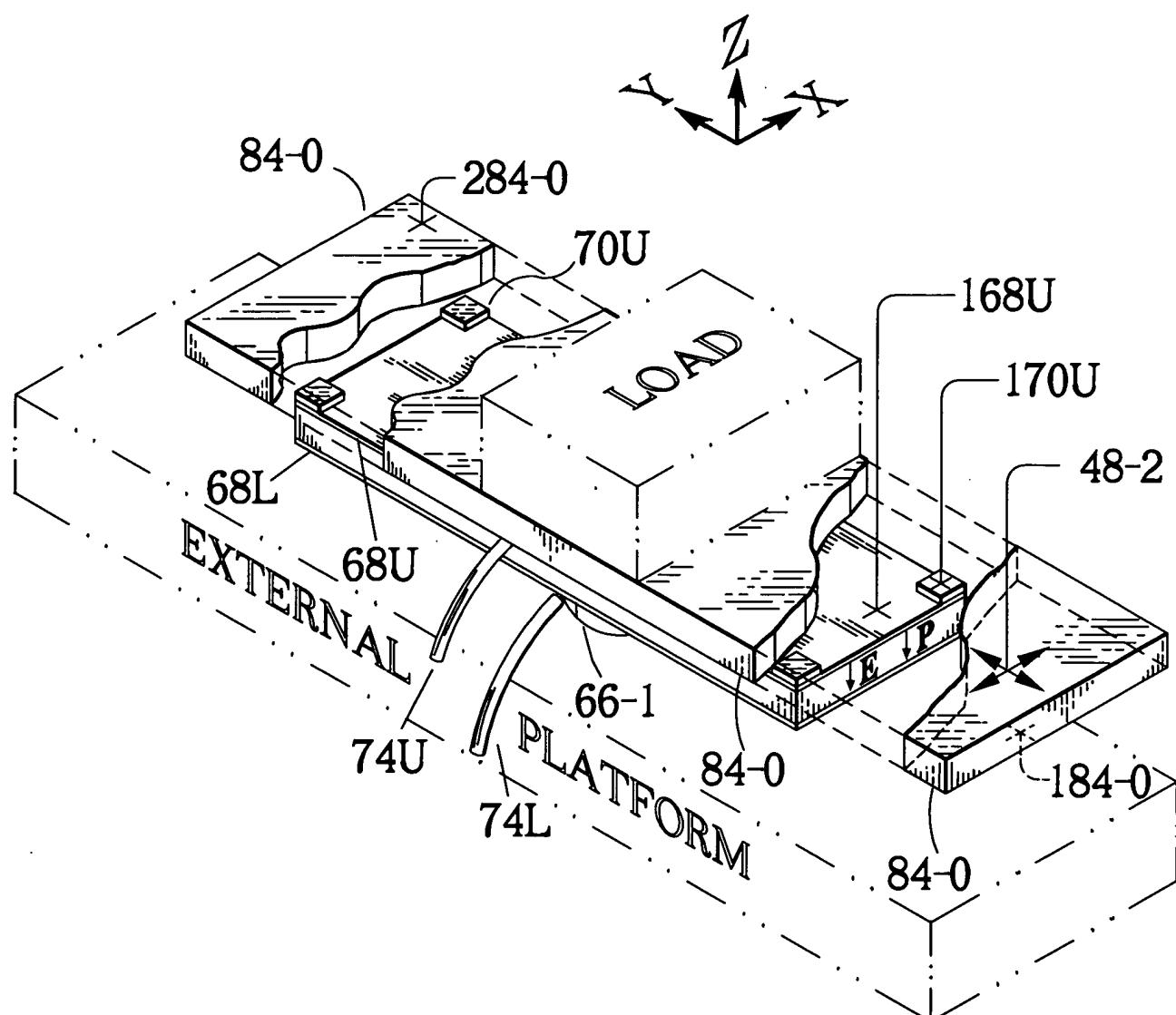


FIG. 3A

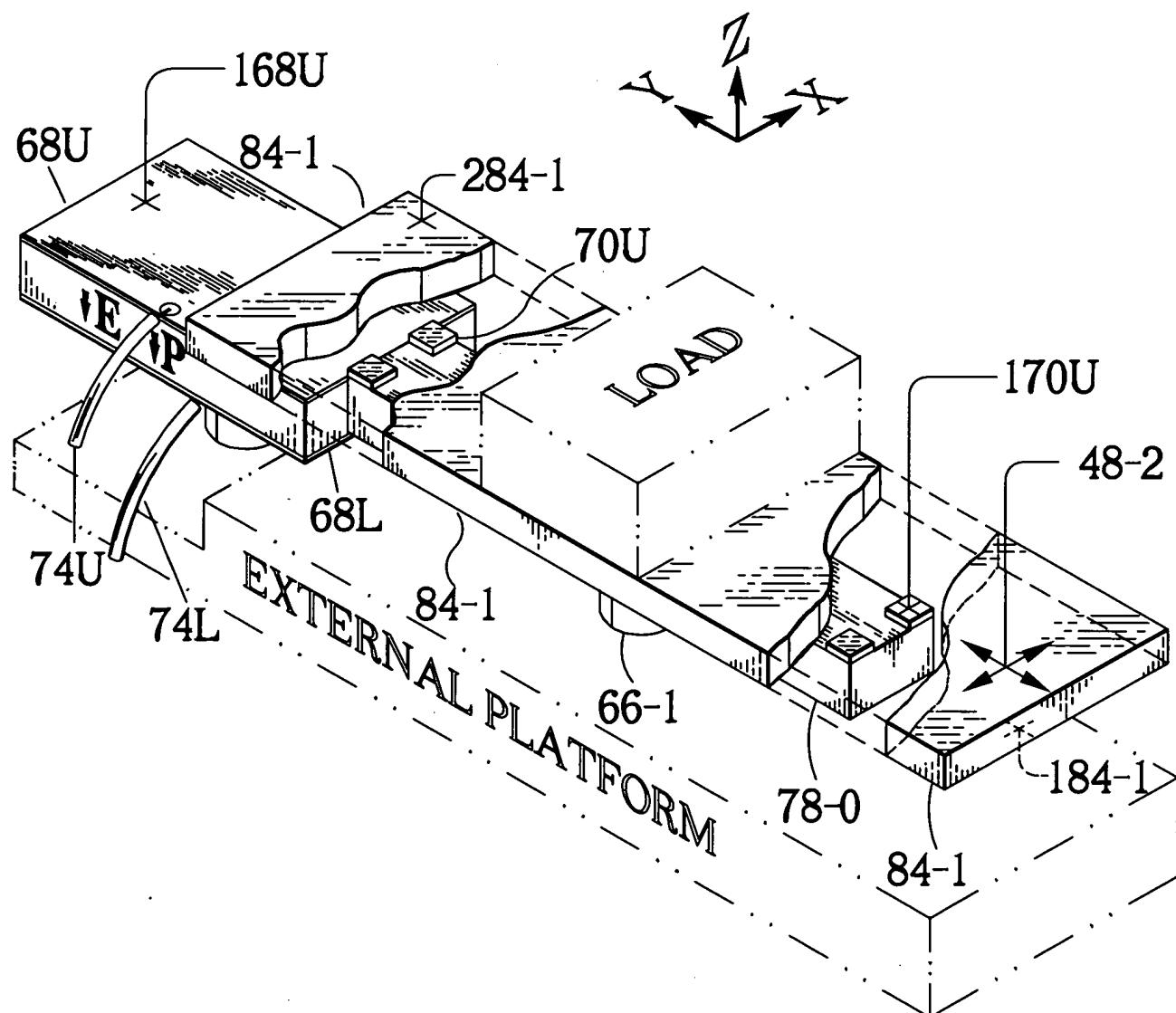
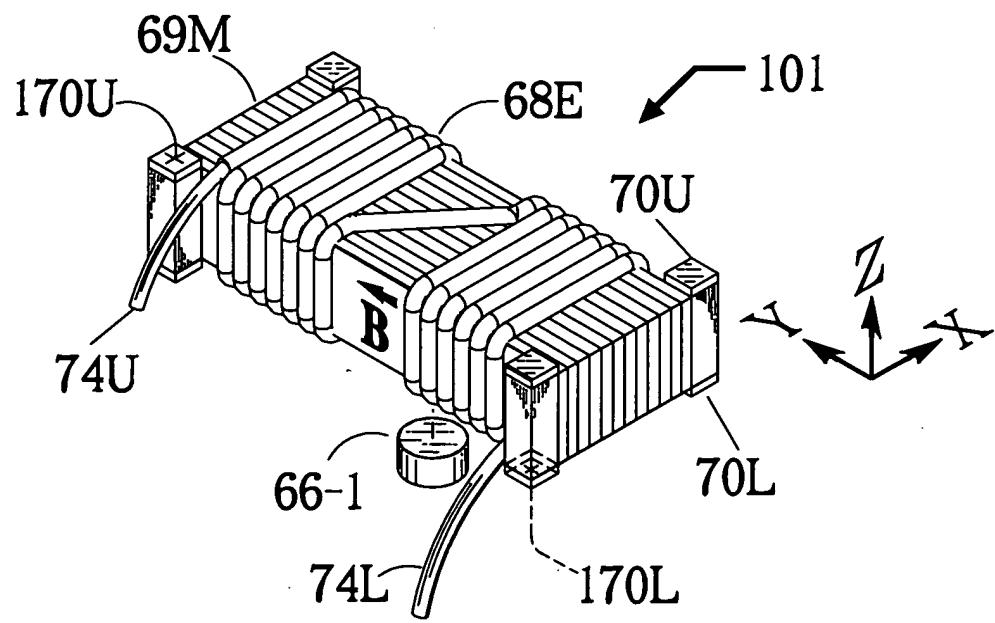
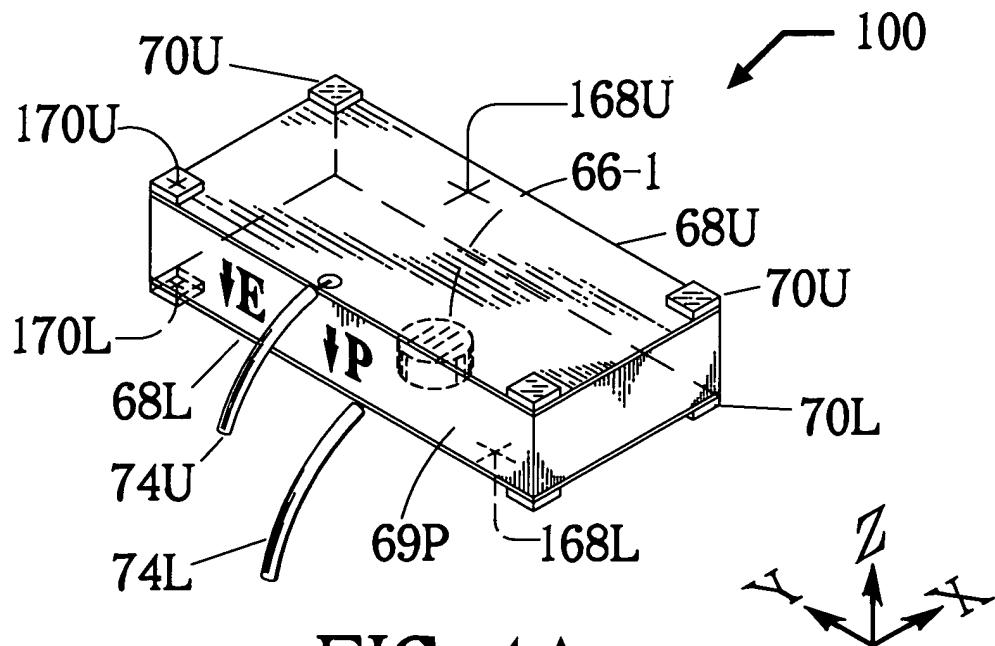


FIG. 3B



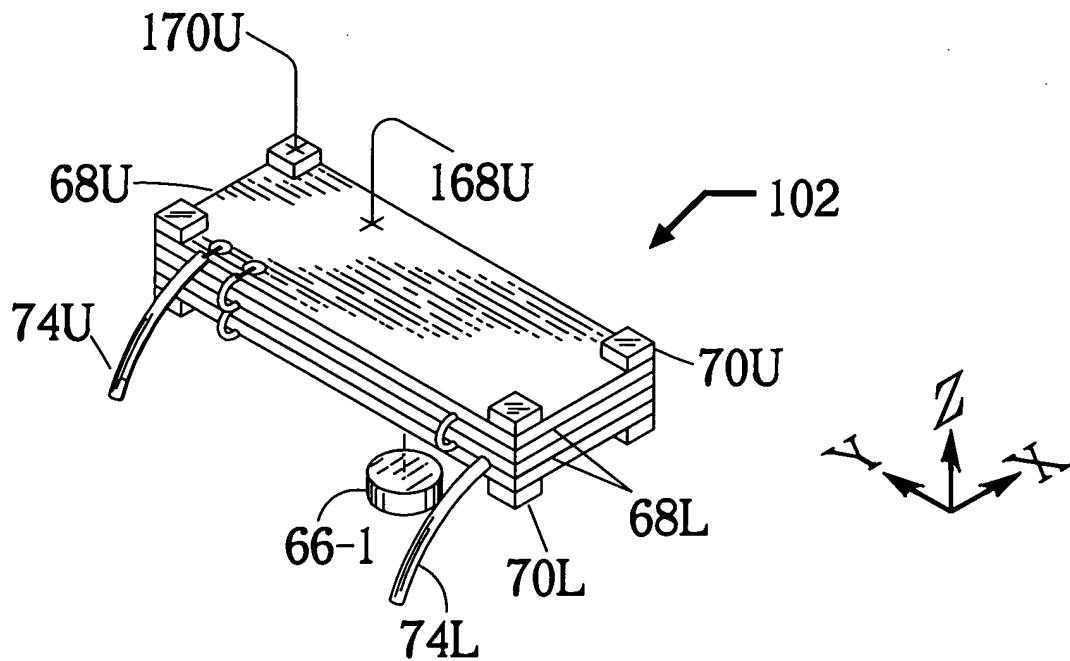


FIG.4C

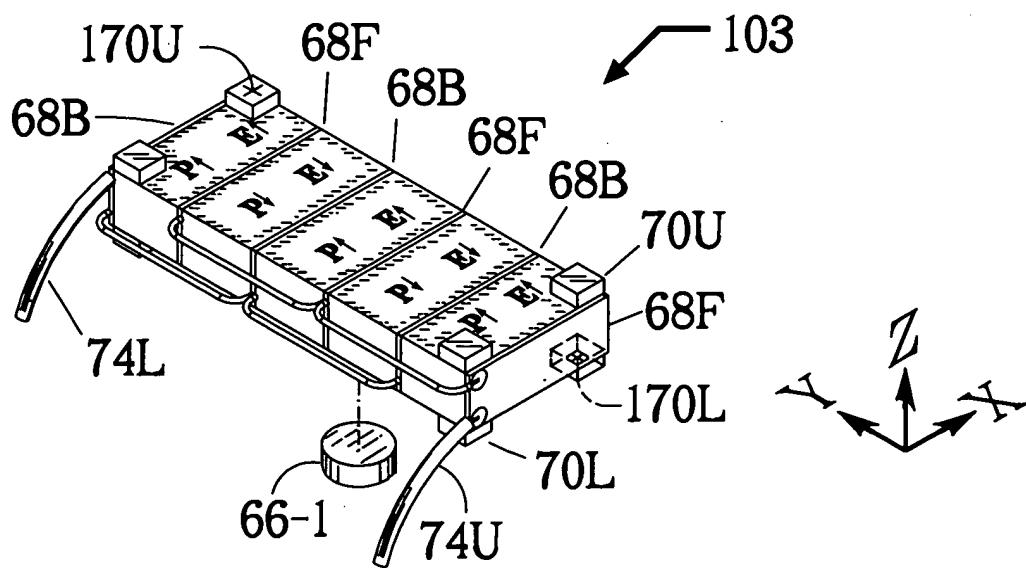


FIG.4D

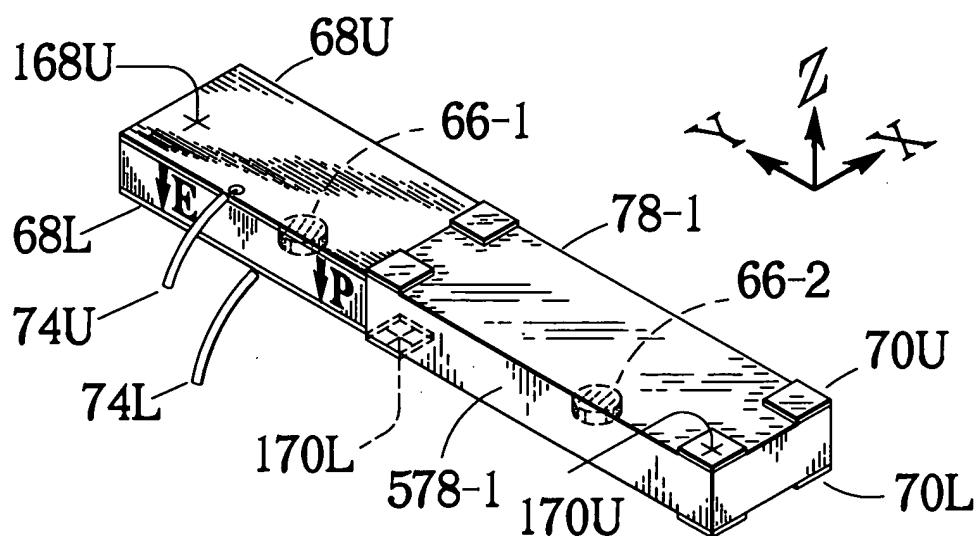


FIG. 5A

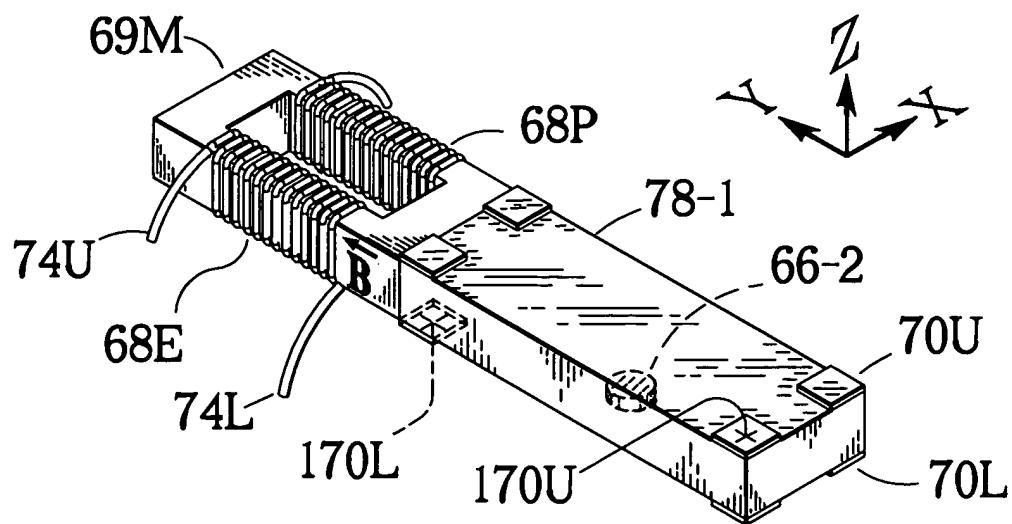


FIG. 5B

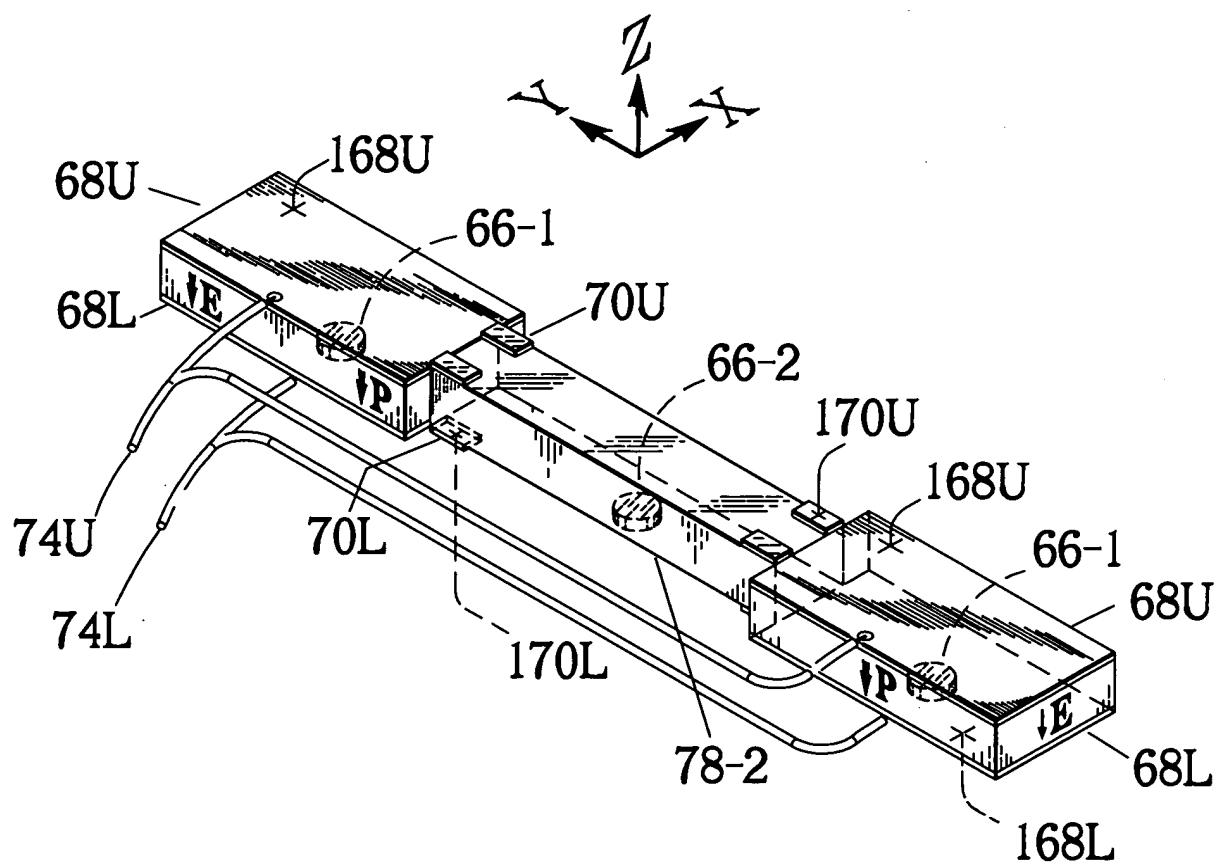


FIG. 5C

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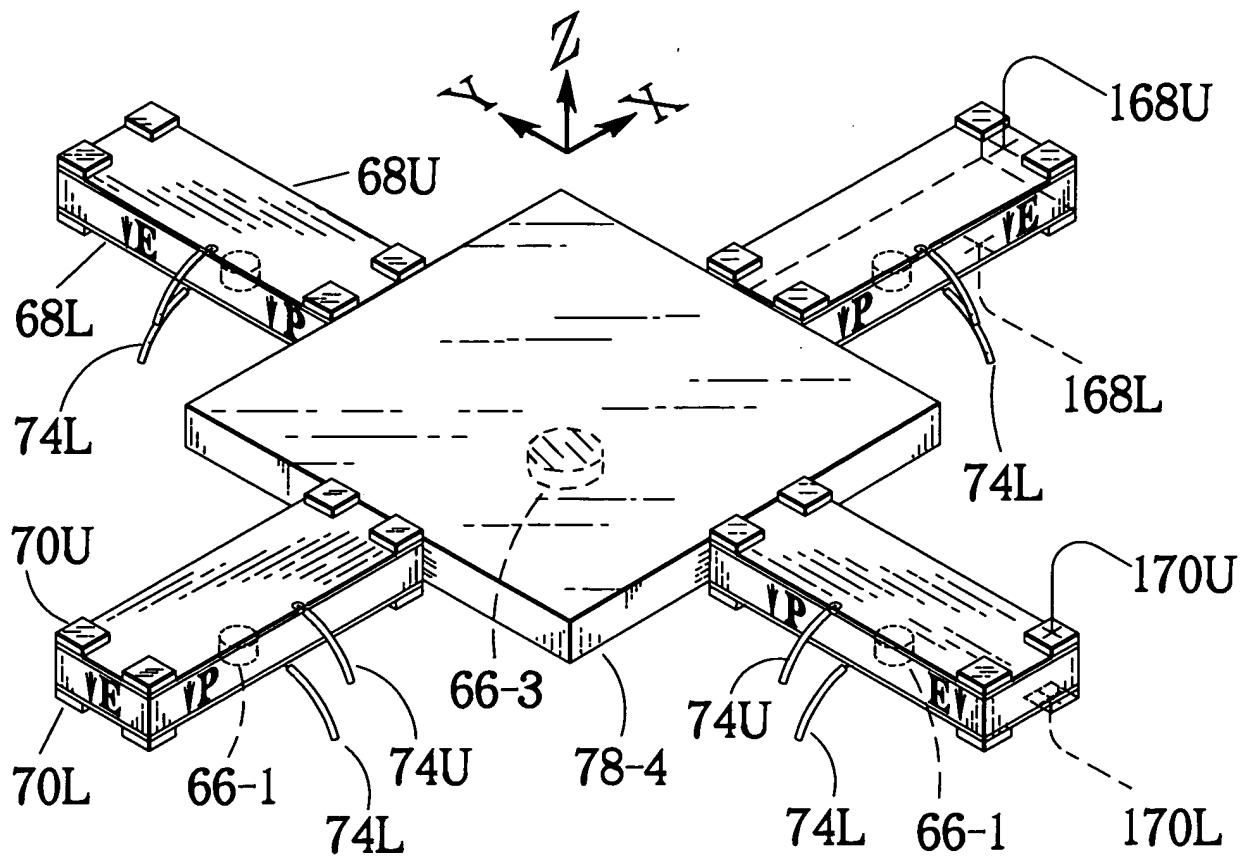


FIG. 5D

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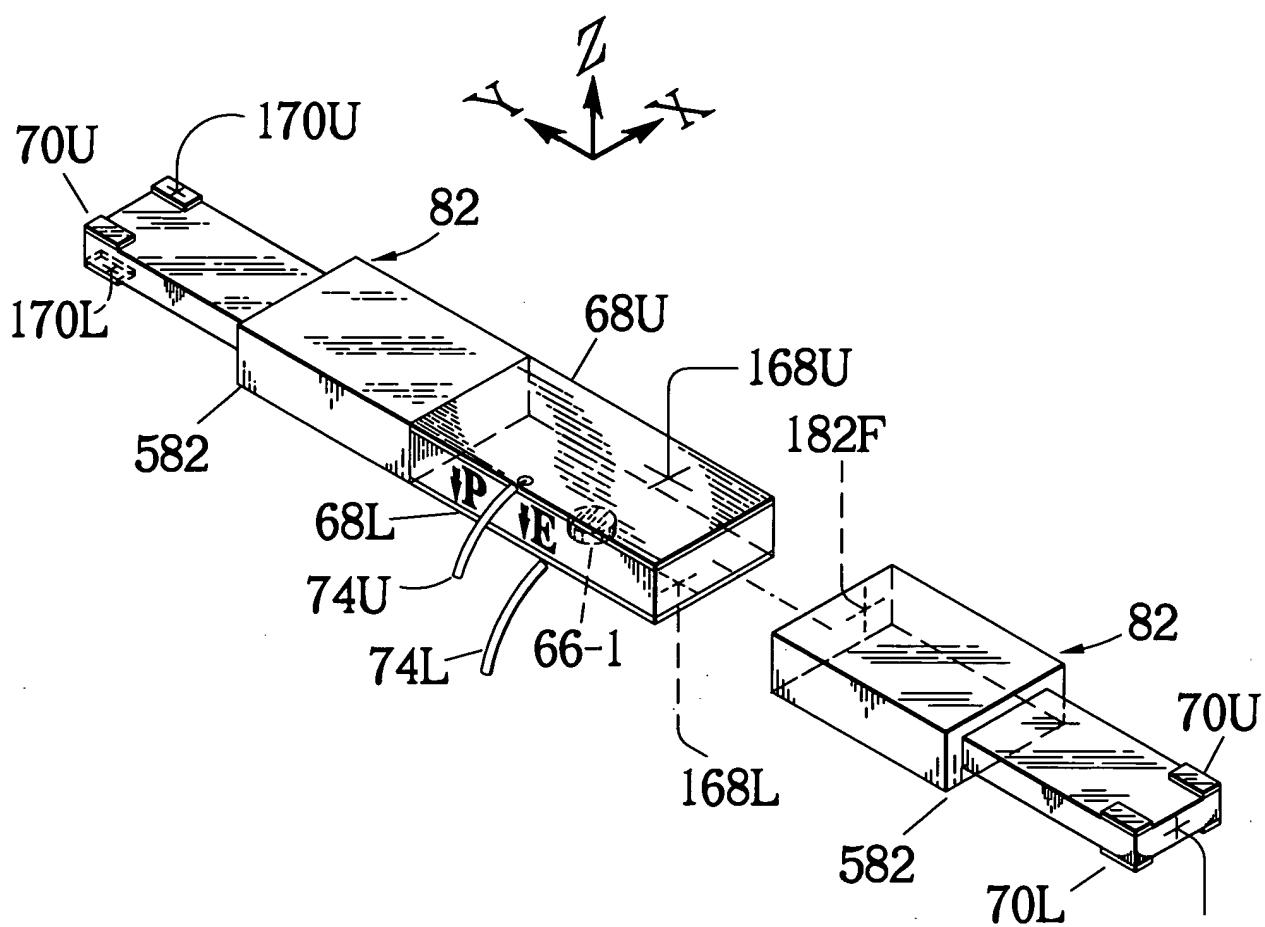


FIG. 5E

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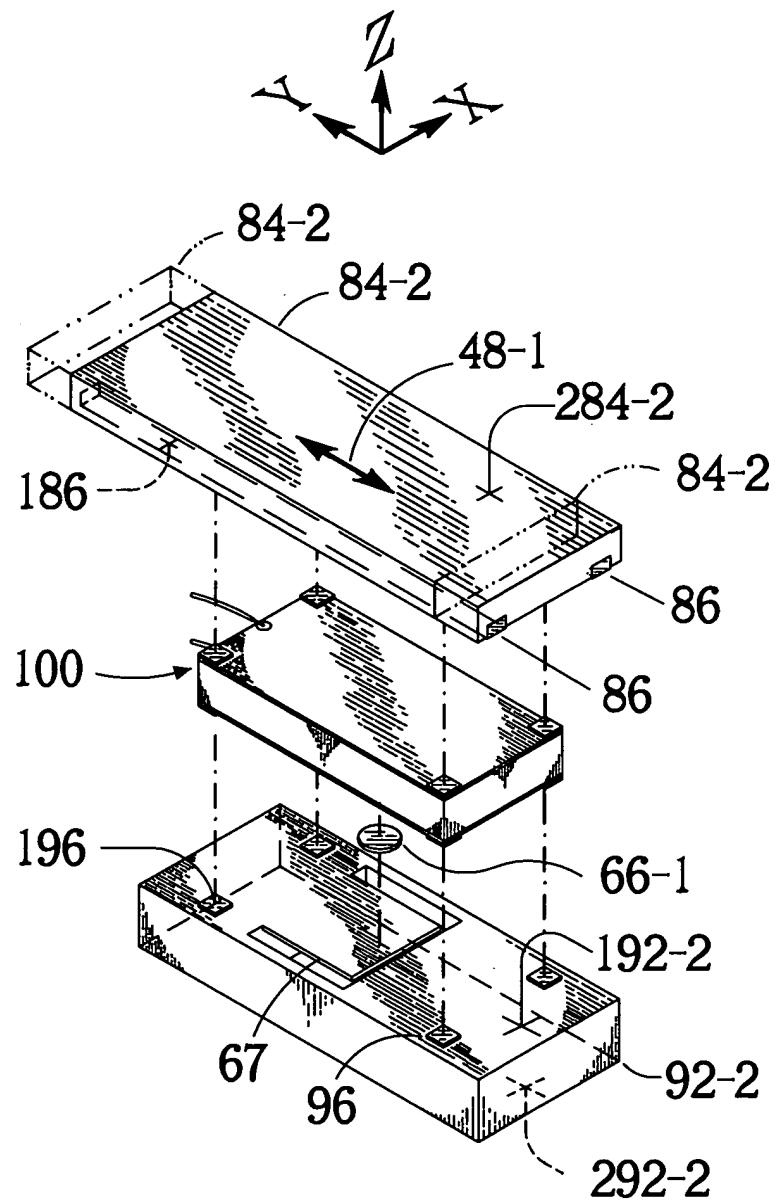


FIG. 6A

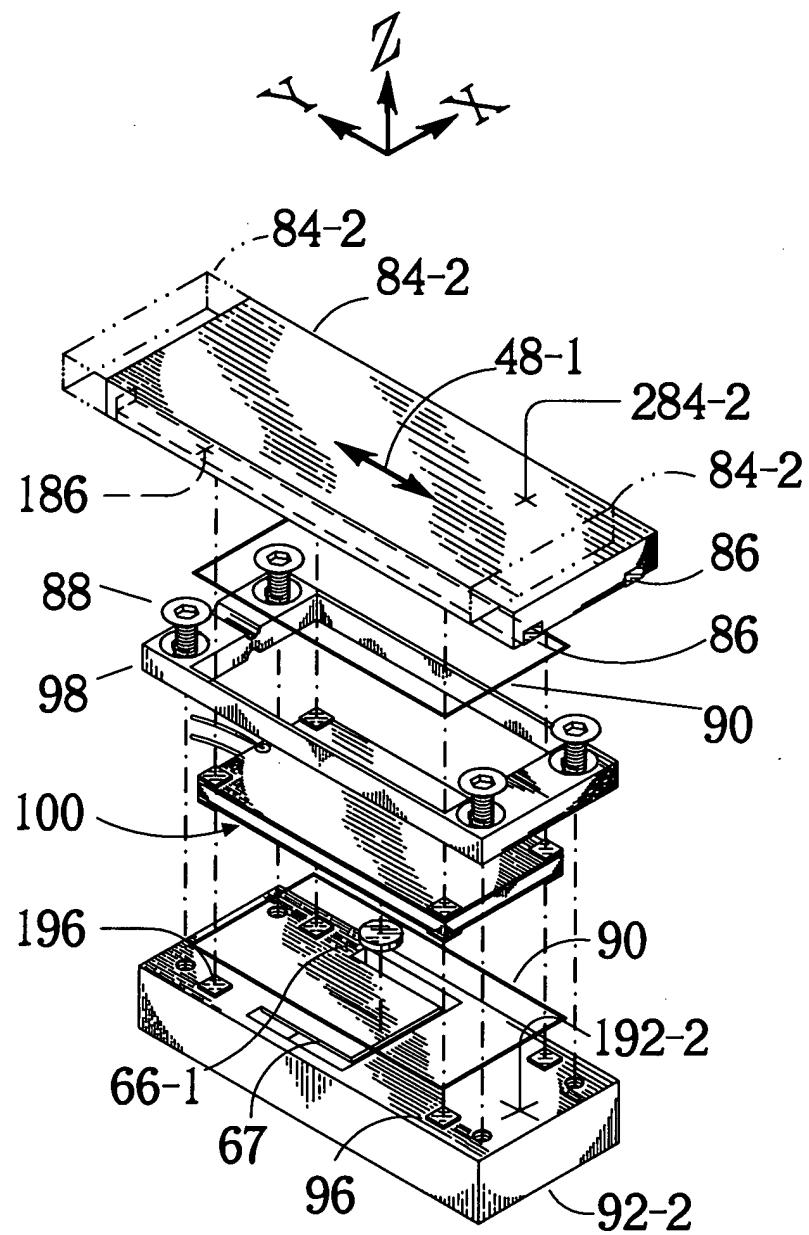


FIG. 6B

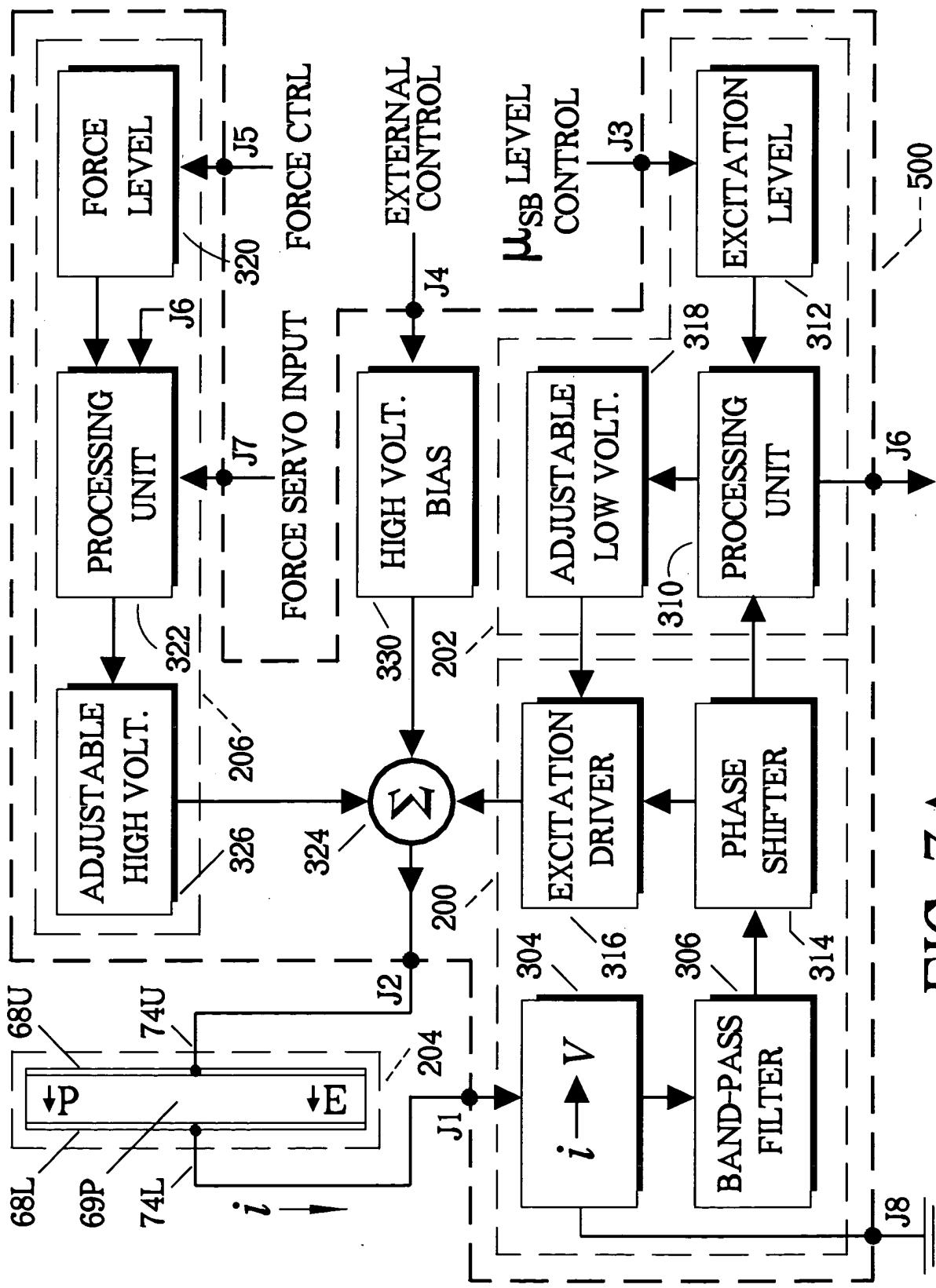


FIG. 7A  
FORCE SENSOR OUTPUT

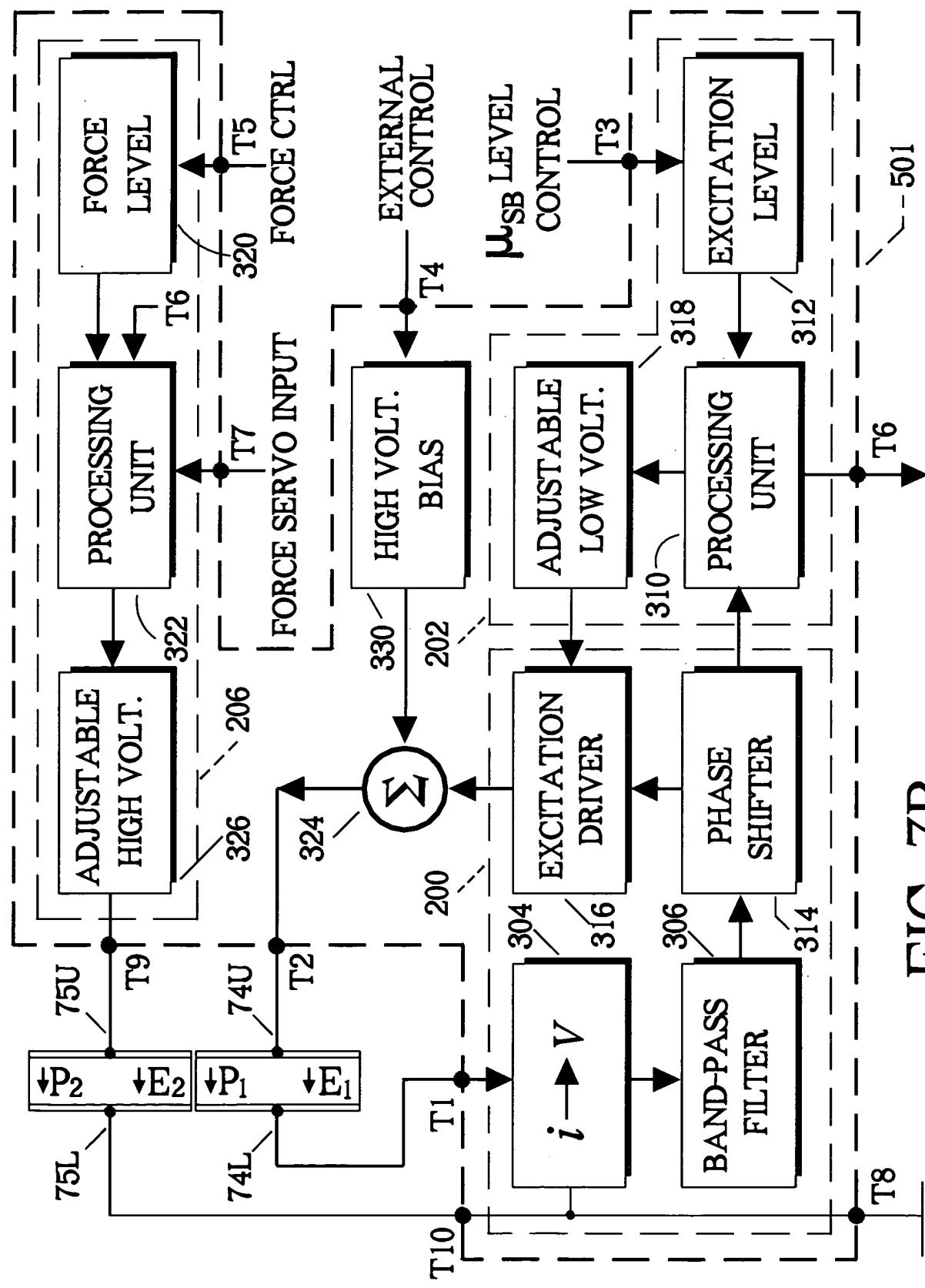


FIG. 7B  
FORCE SENSOR OUTPUT

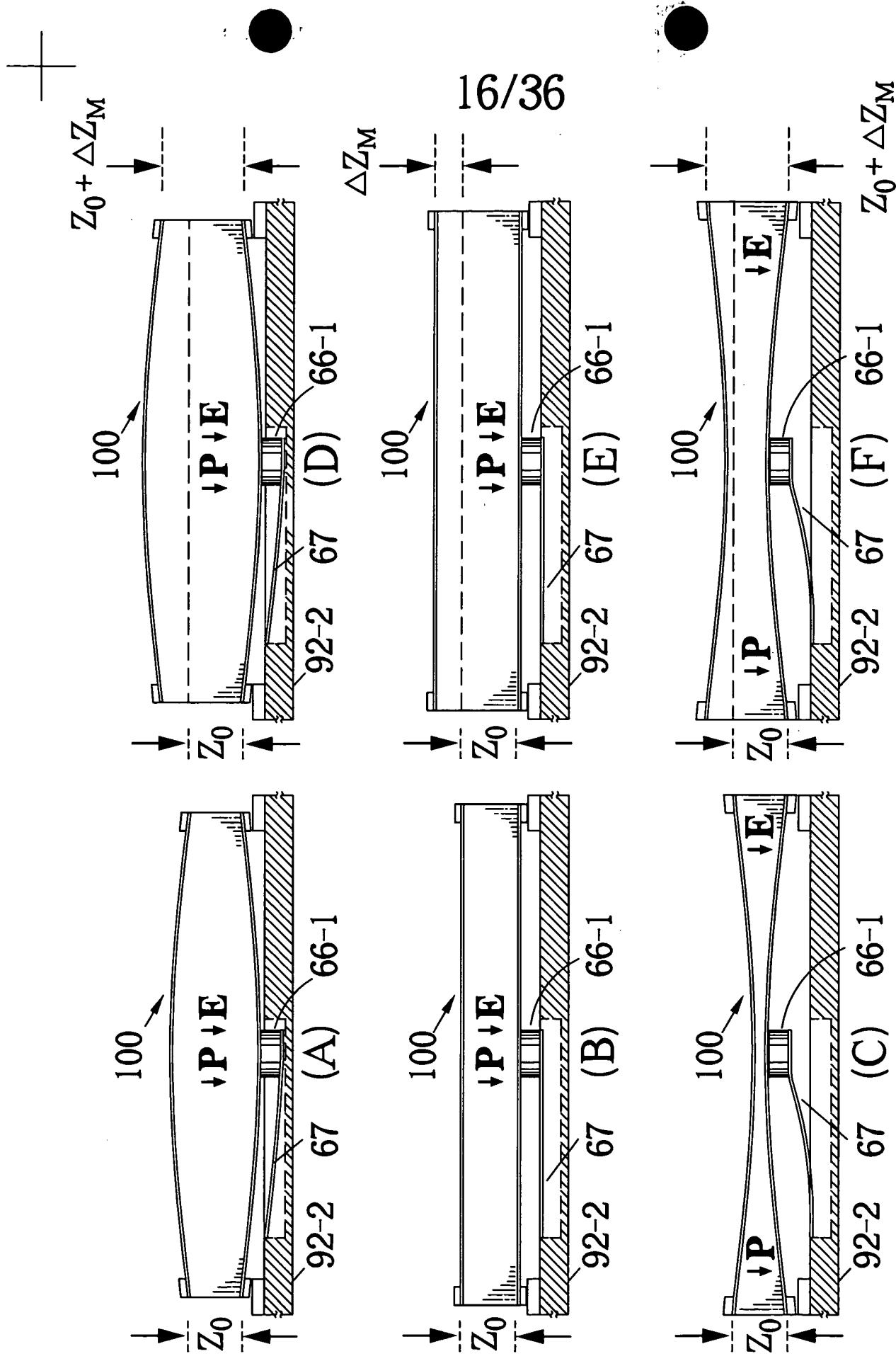


FIG. 8

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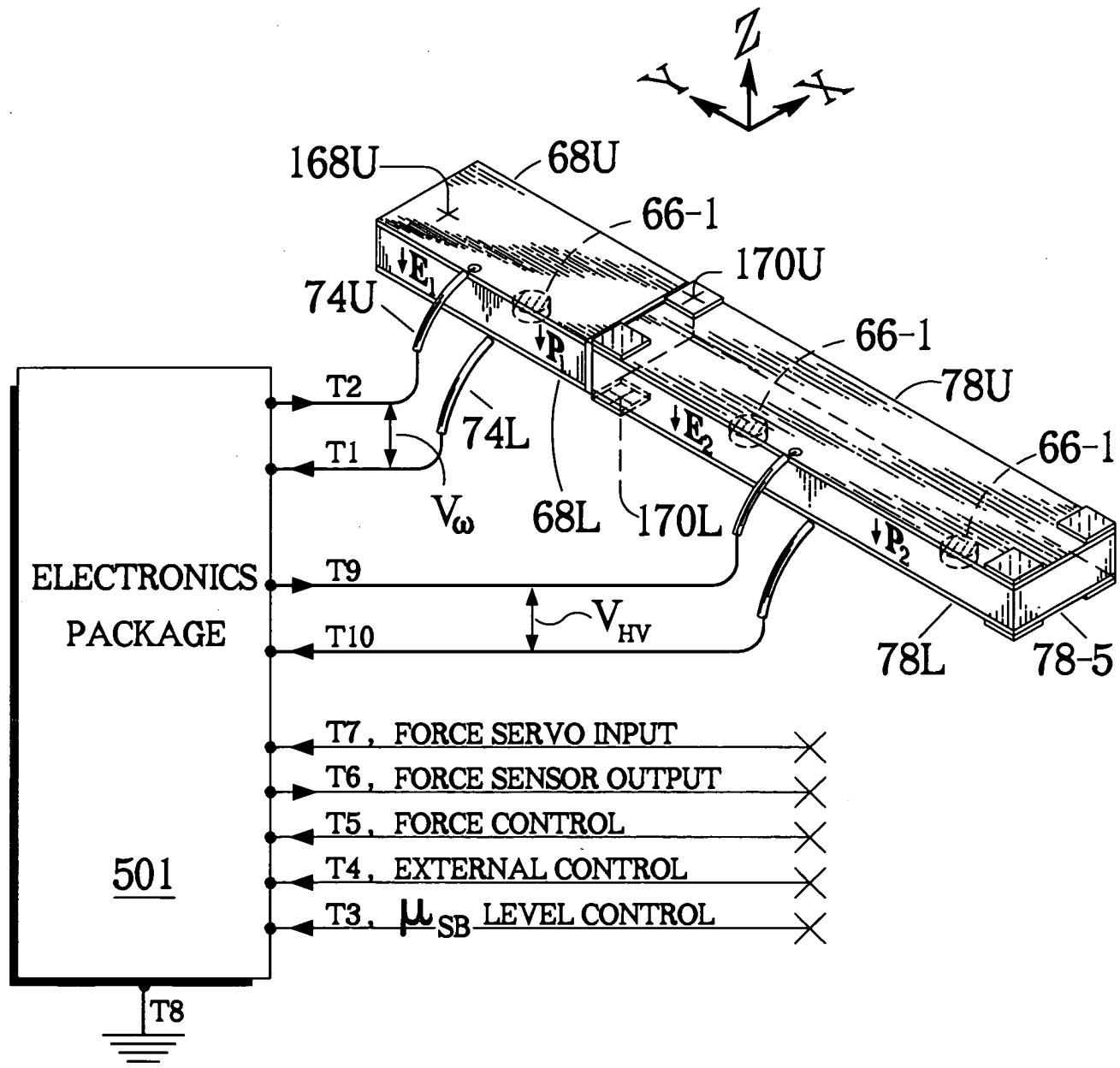
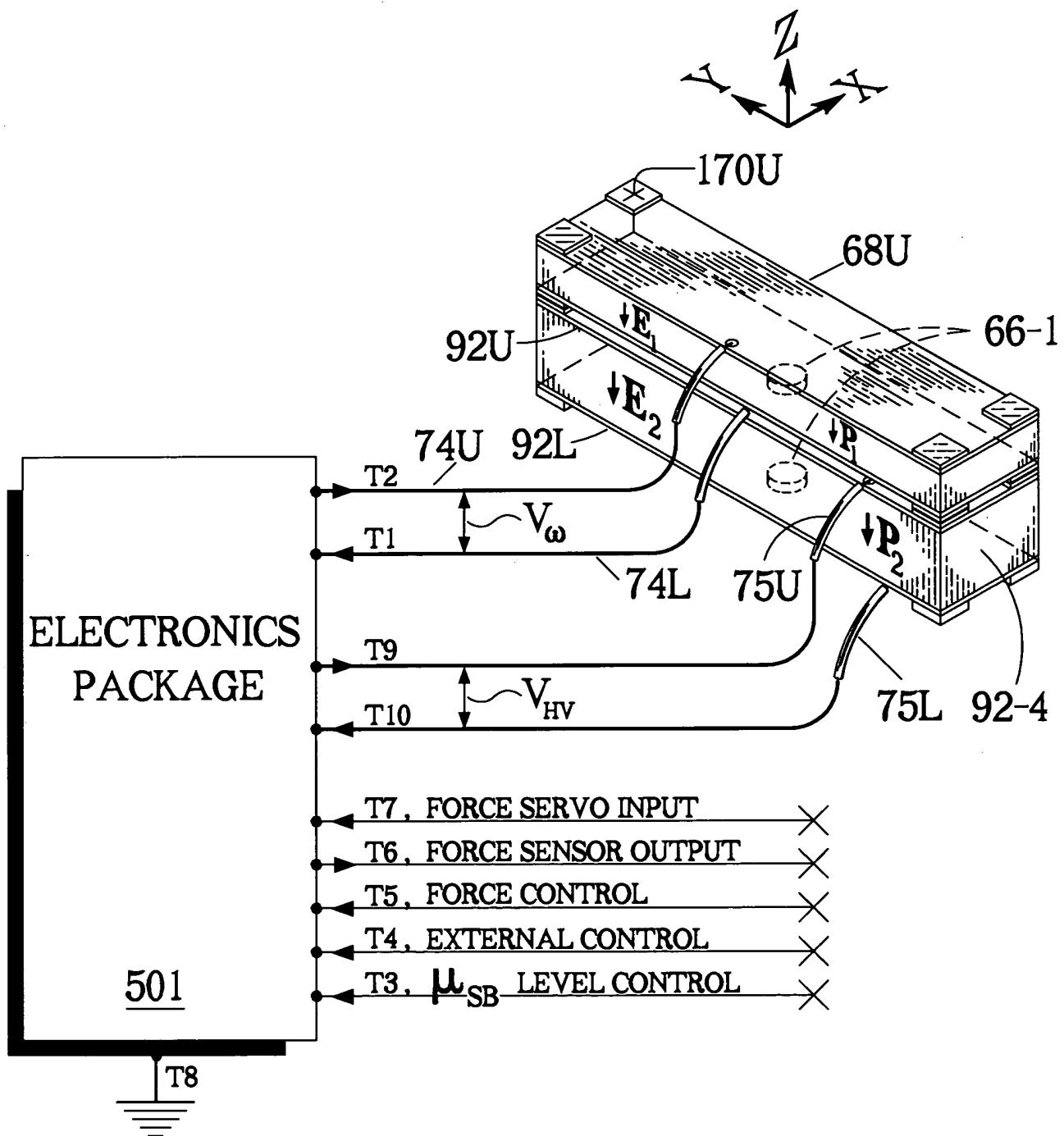


FIG. 9A



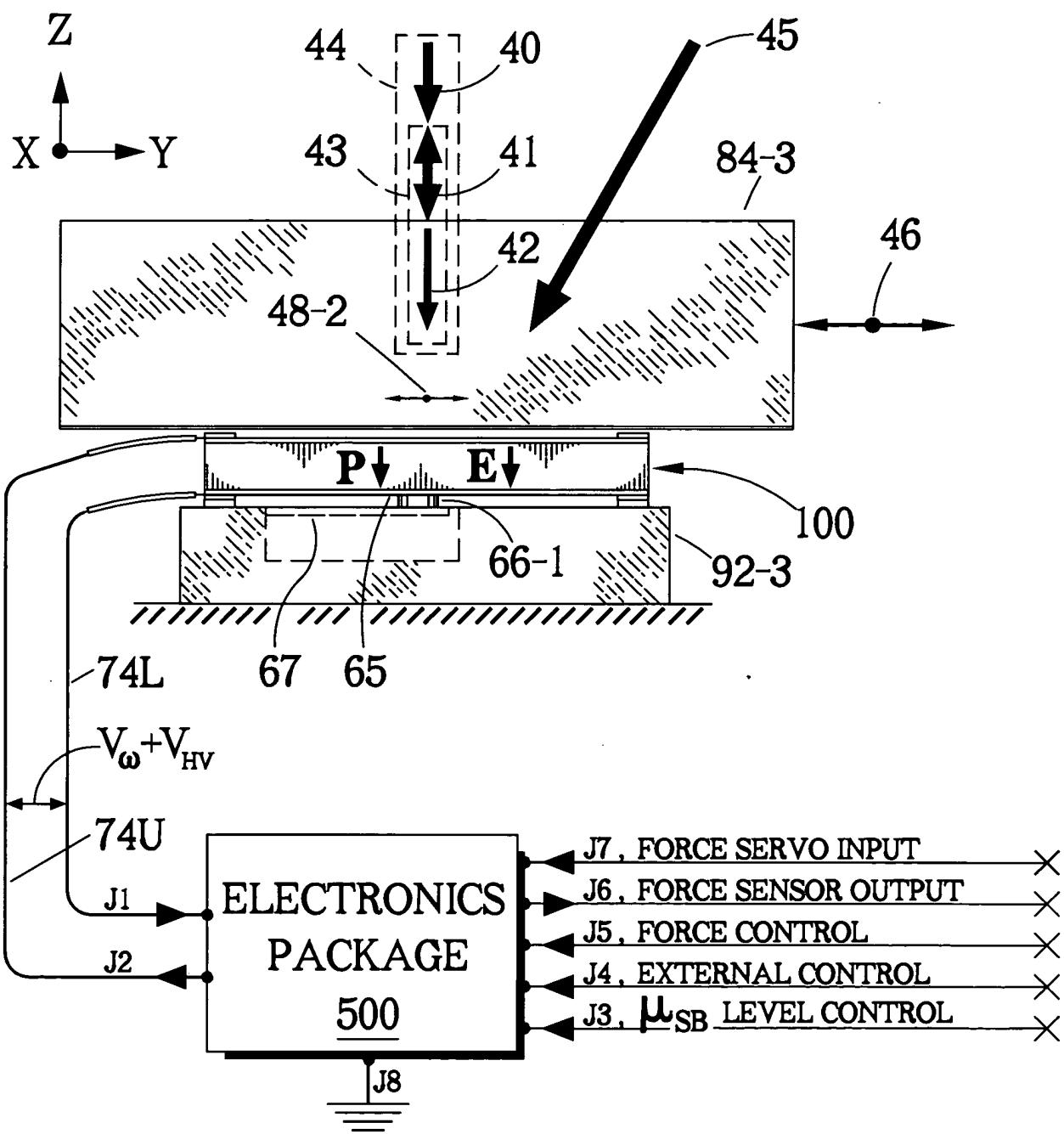


FIG. 10

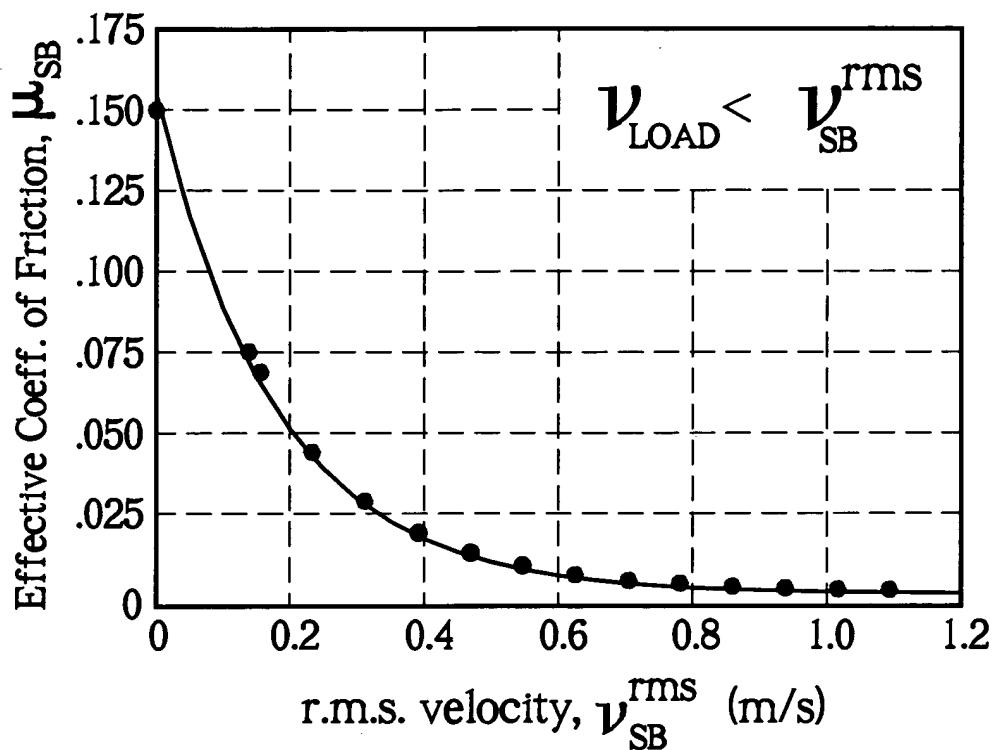


FIG. 11A

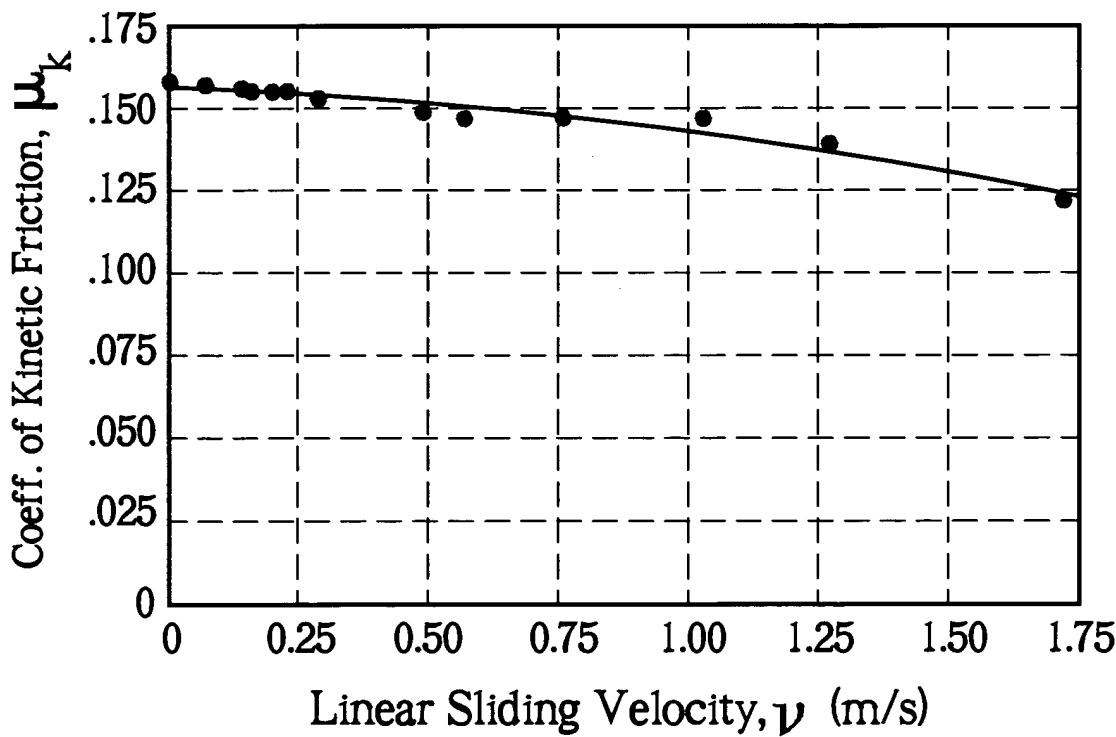


FIG. 11B

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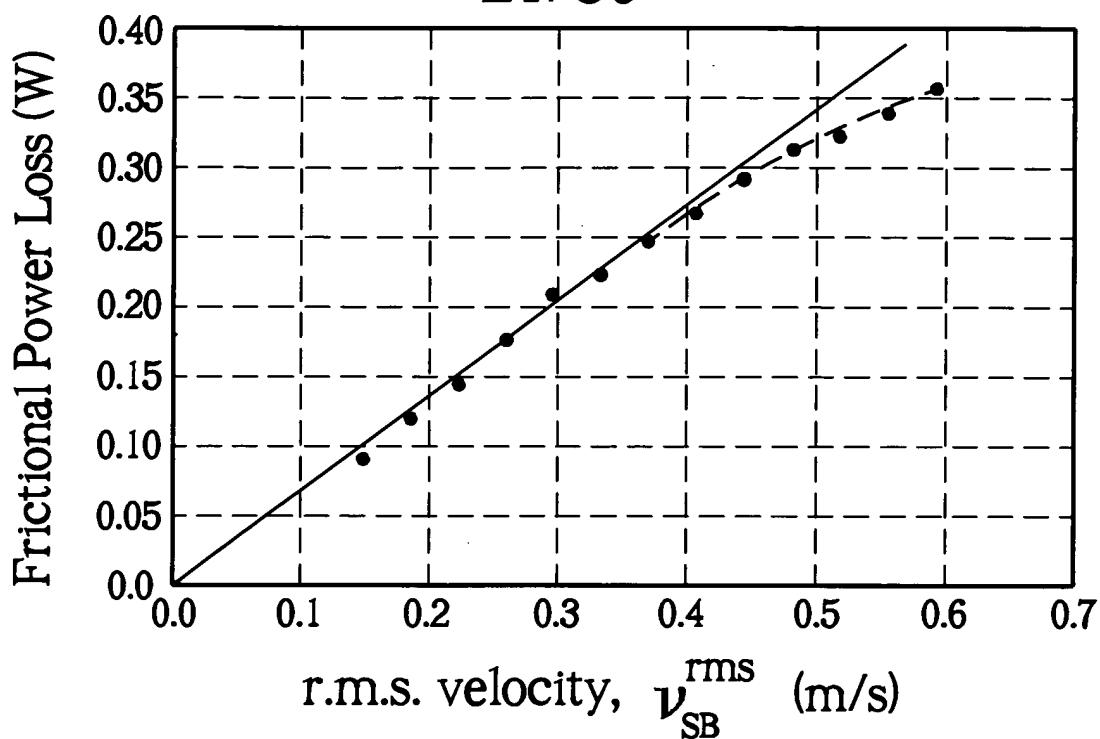


FIG. 12A

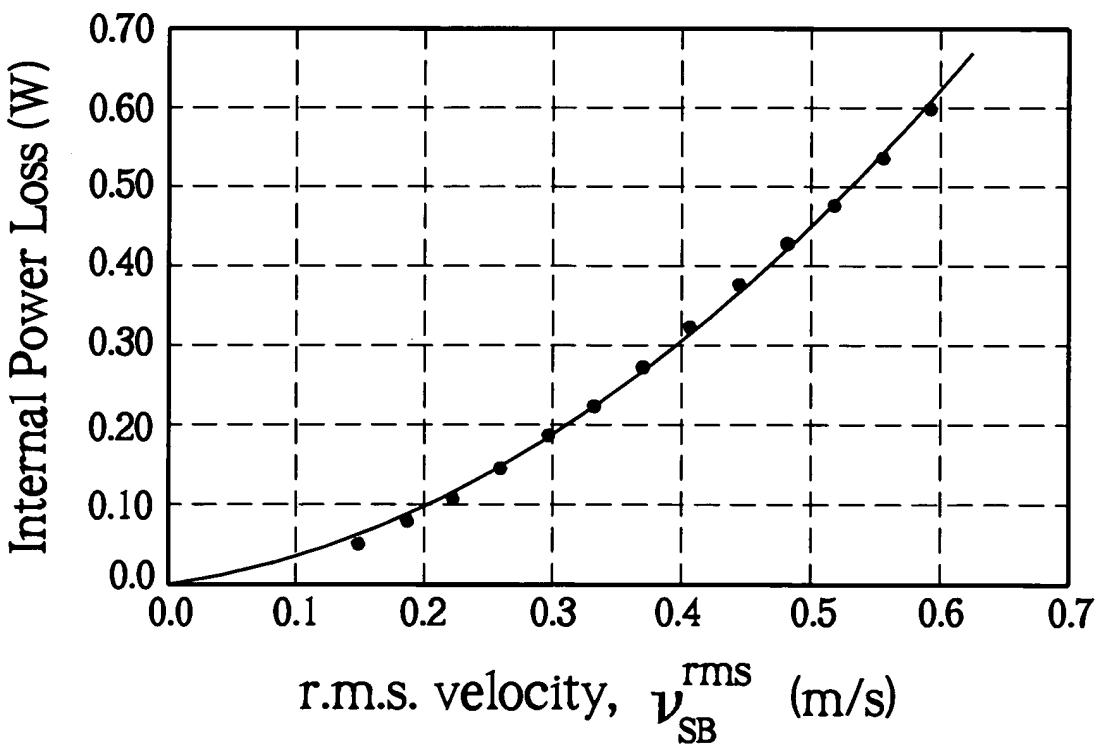


FIG. 12B

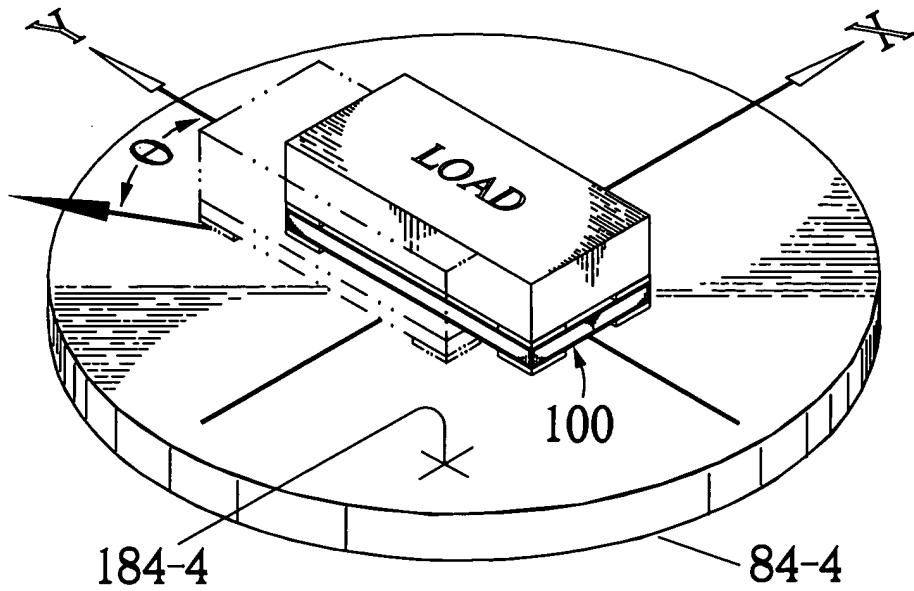


FIG. 13A

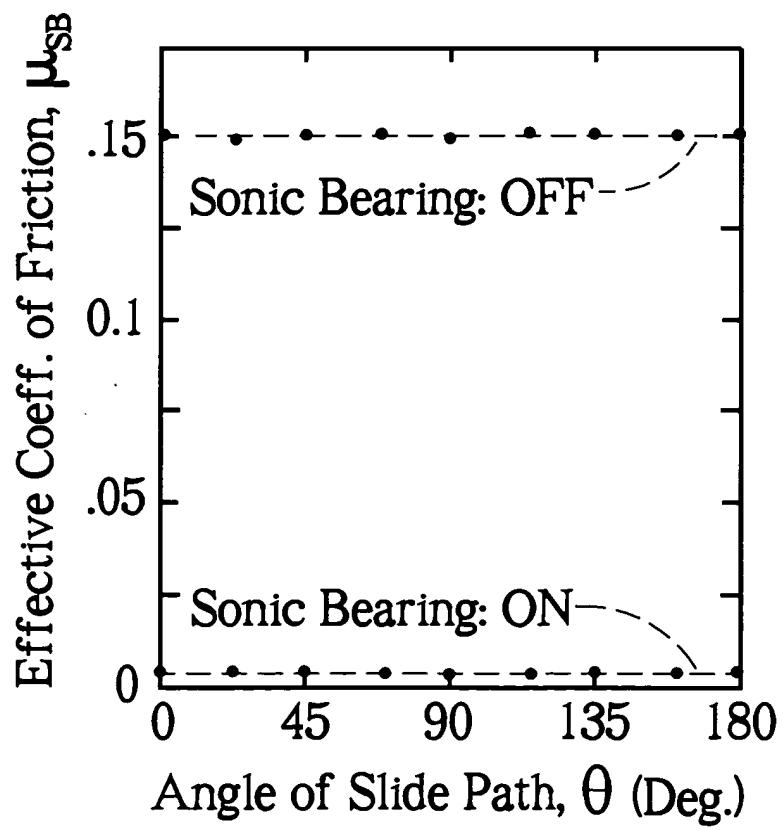


FIG. 13B

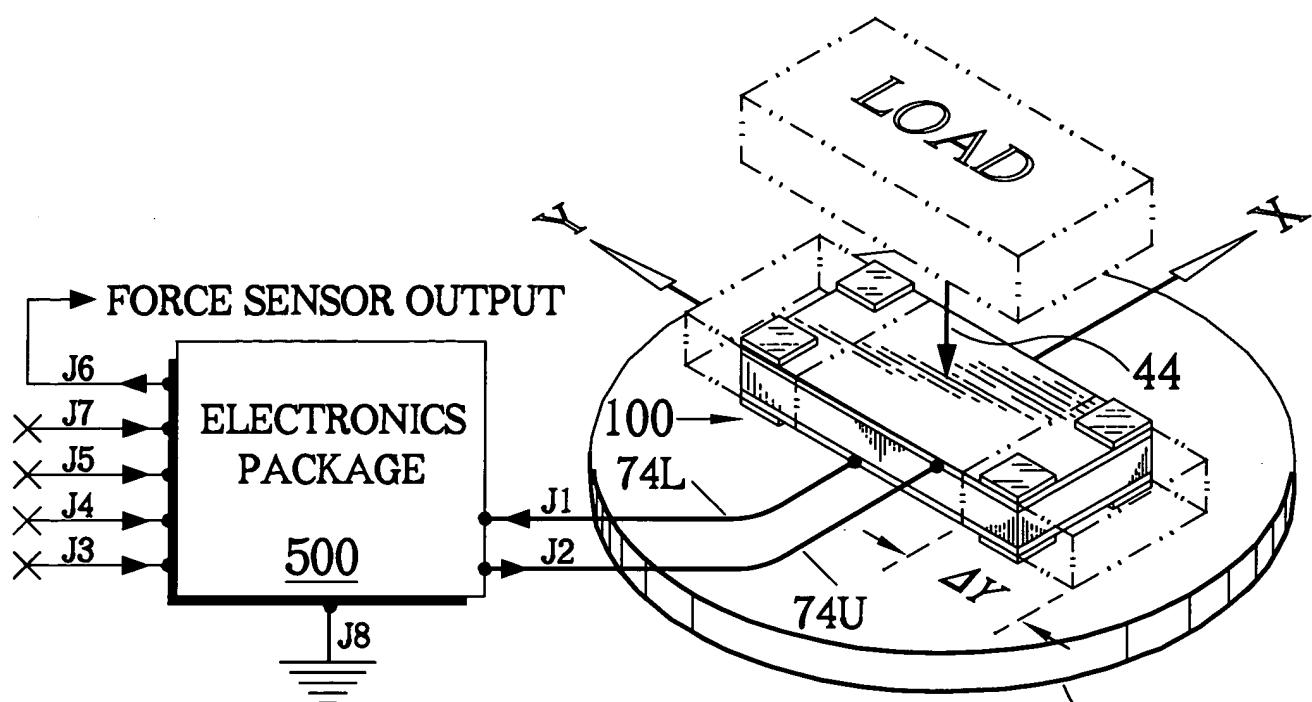


FIG. 14A

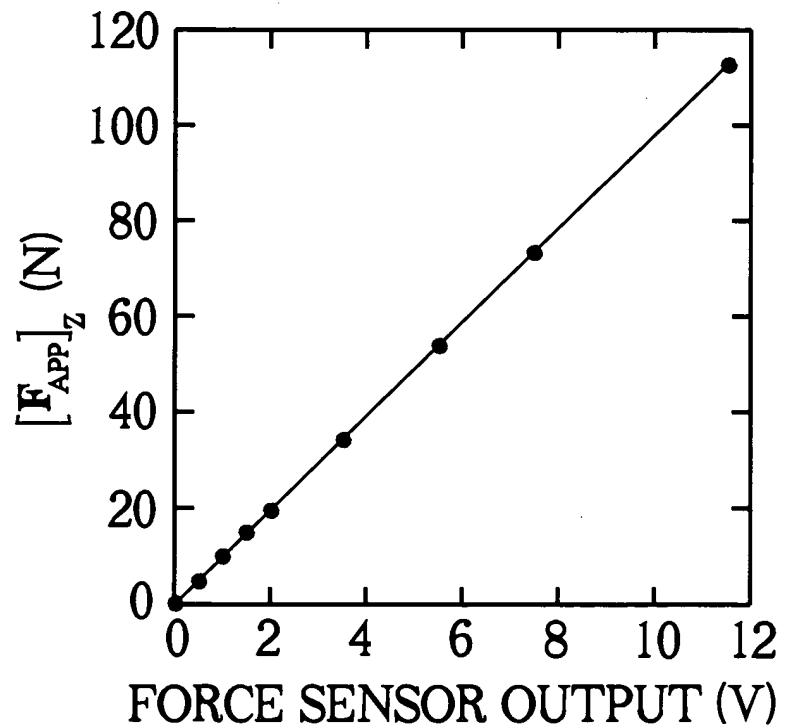


FIG. 14B

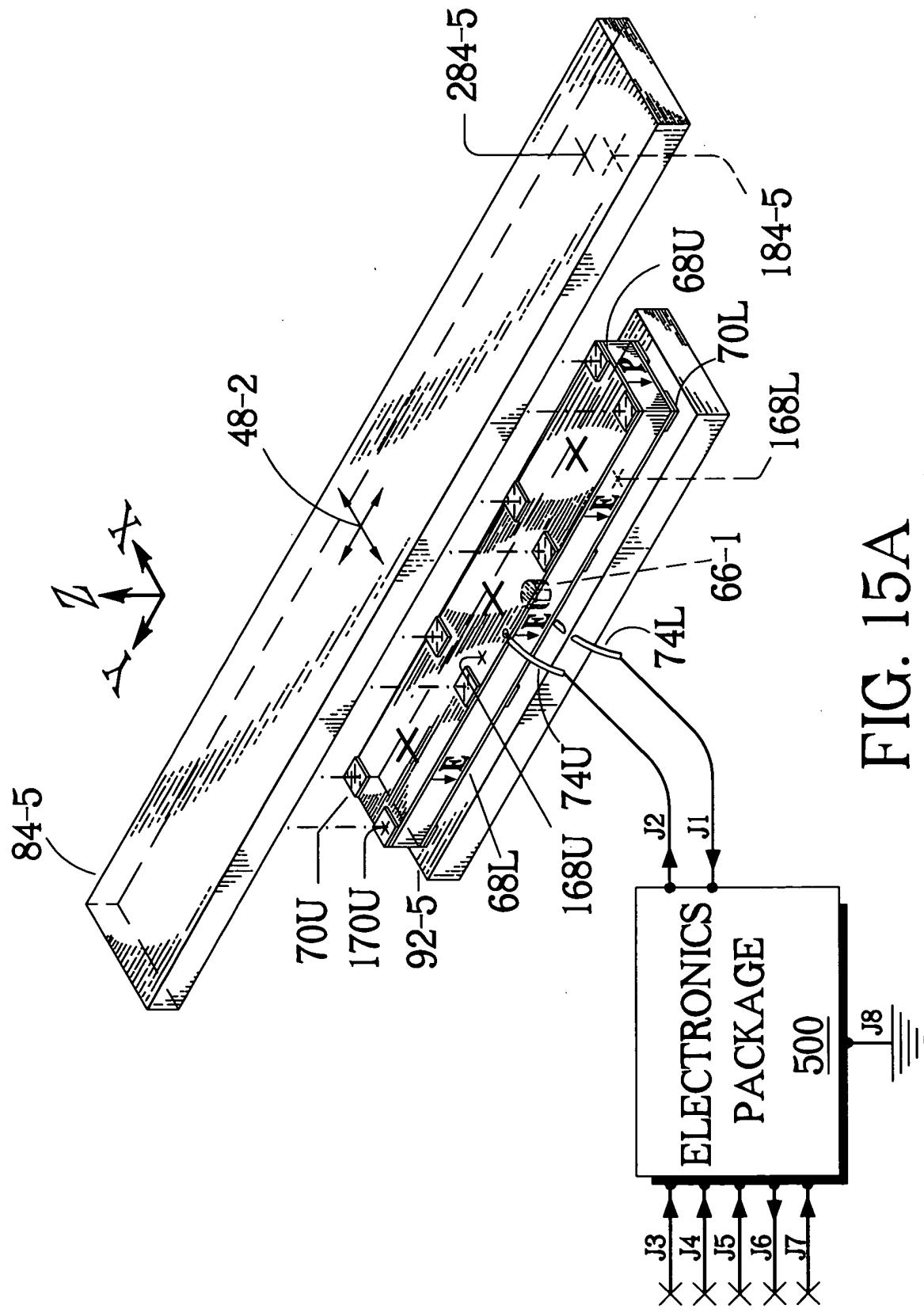
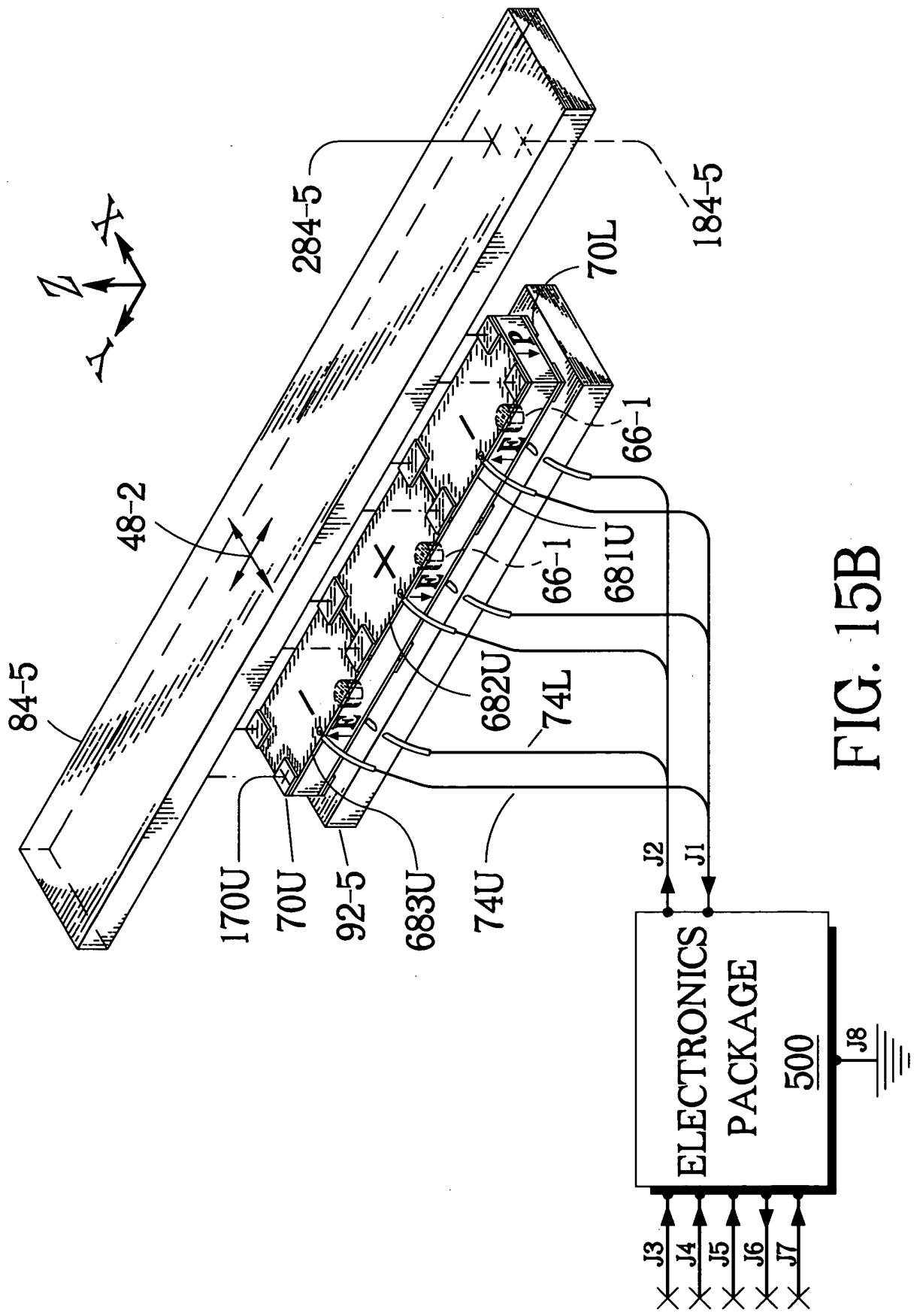


FIG. 15A



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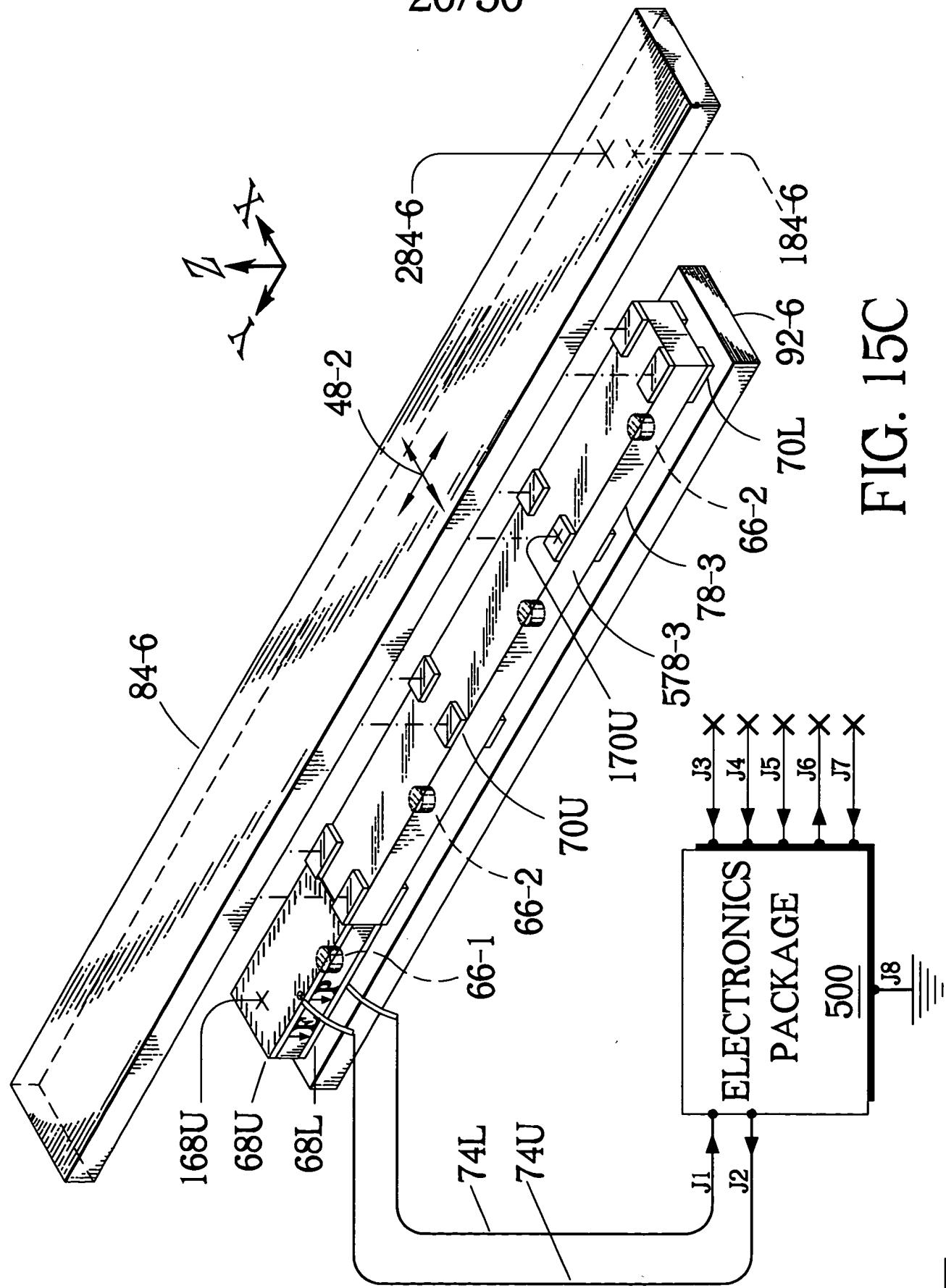


FIG. 15C

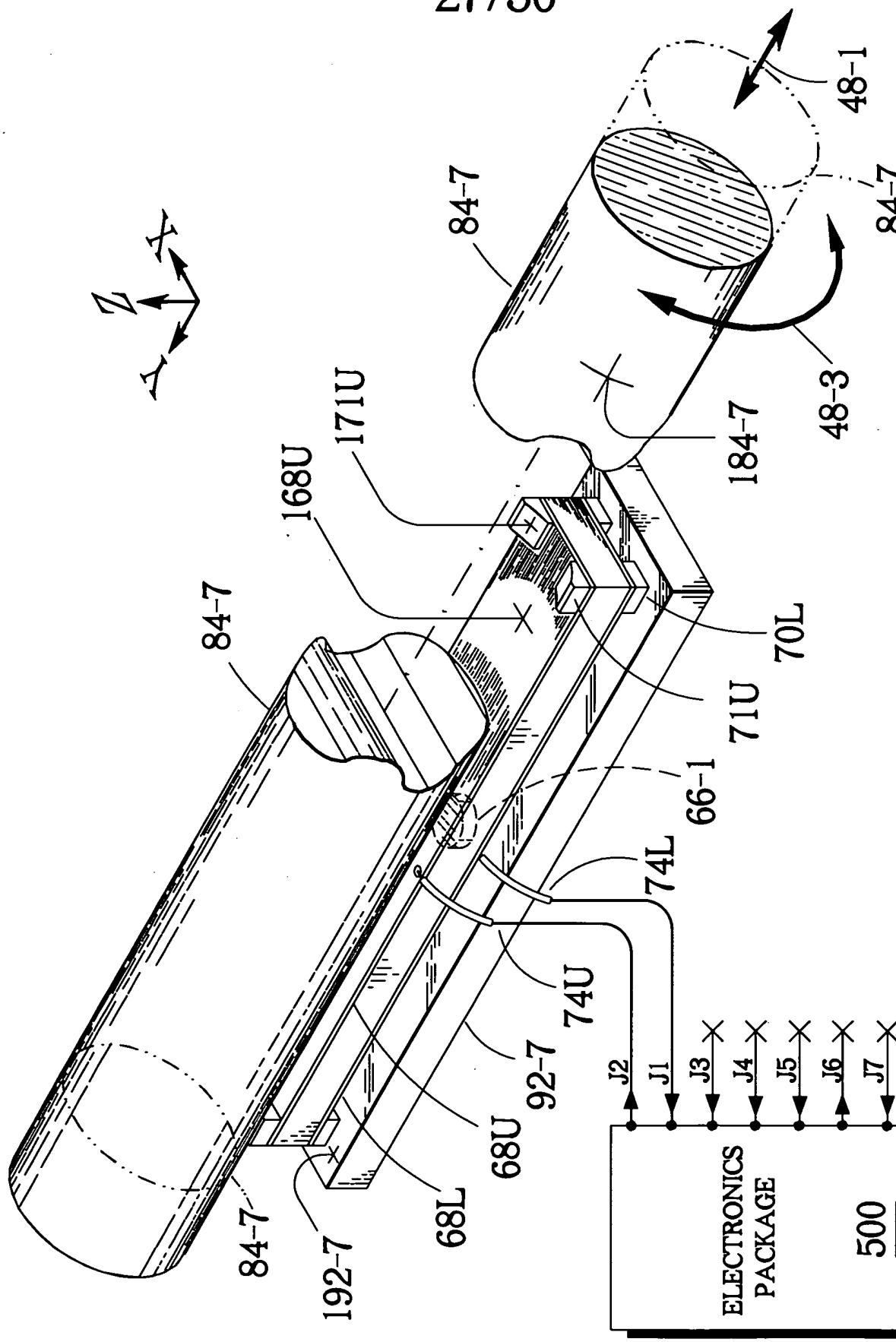


FIG. 16

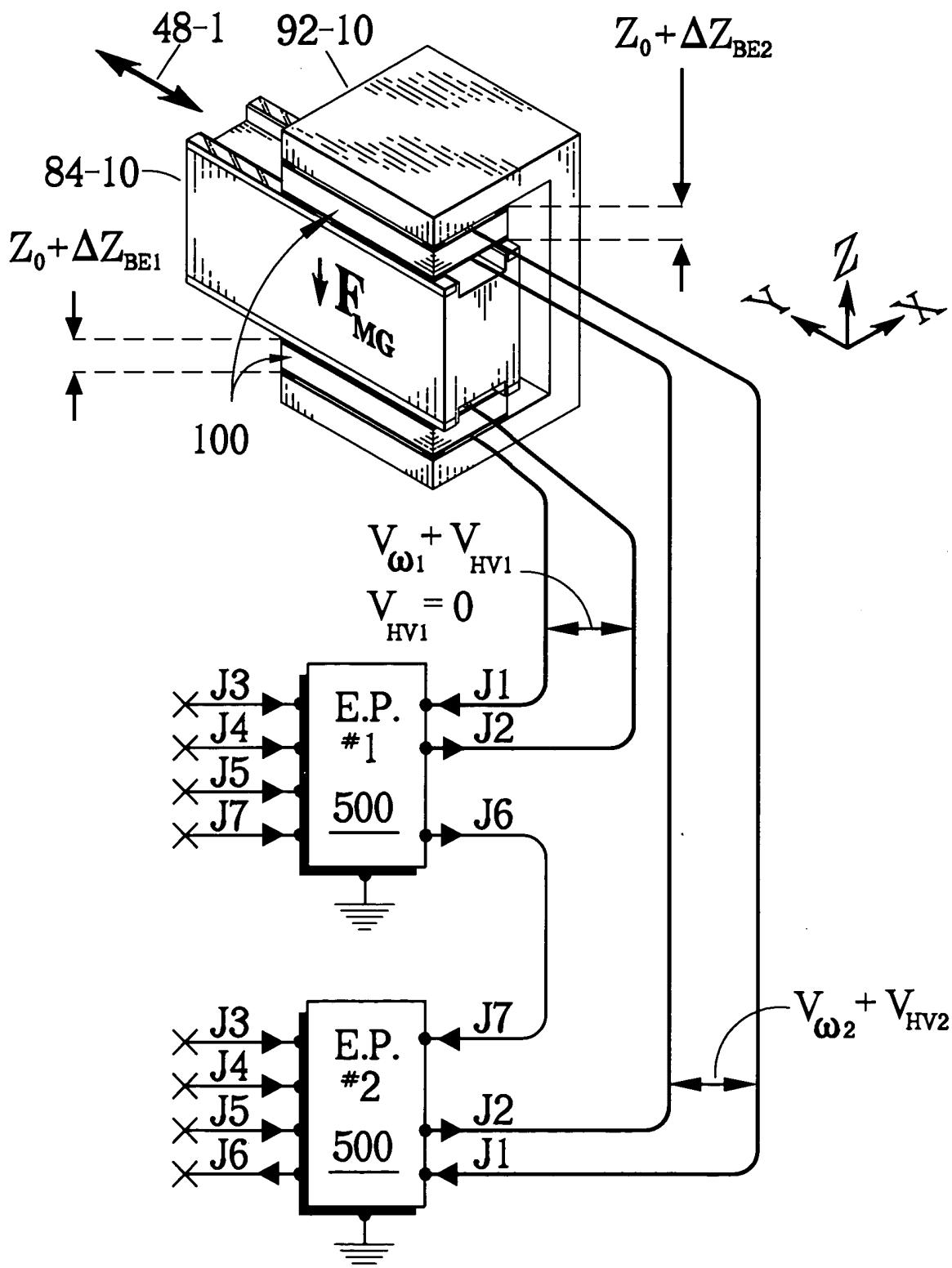


FIG. 17

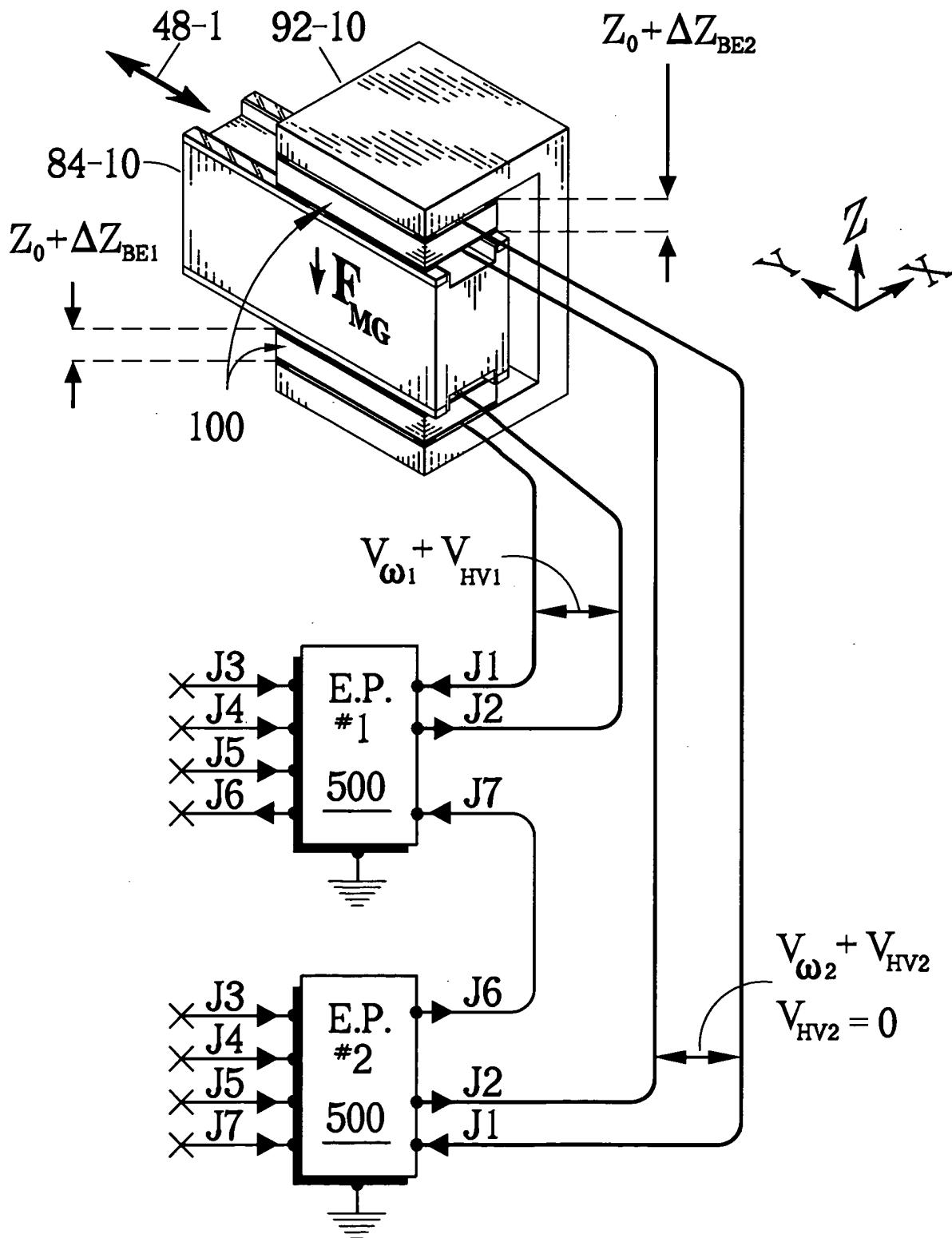


FIG. 18

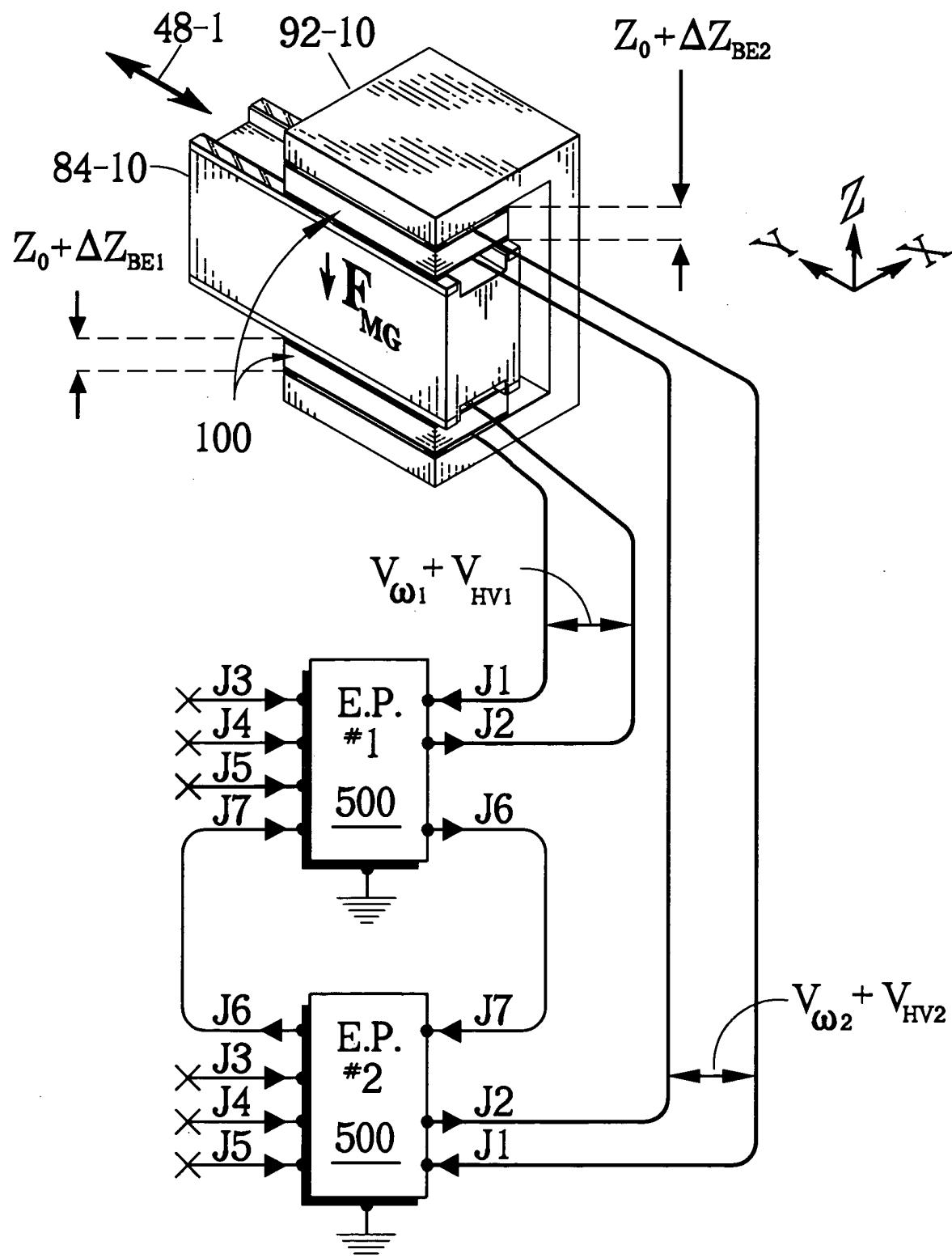


FIG. 19

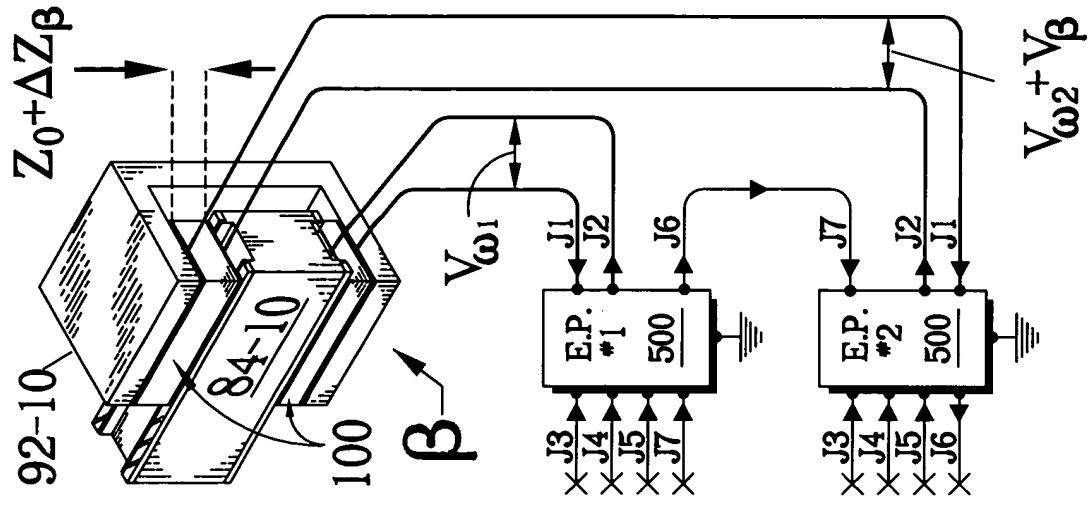


FIG. 22

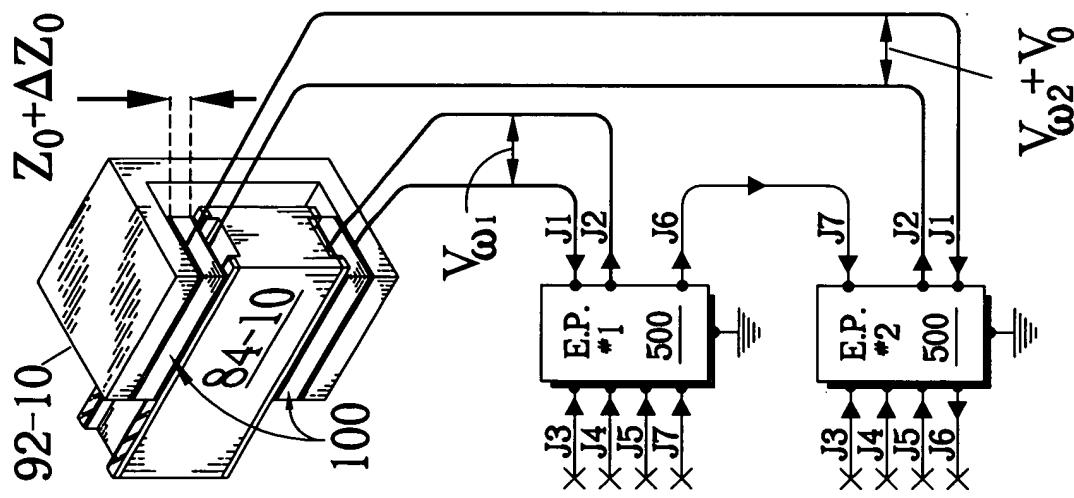


FIG. 21

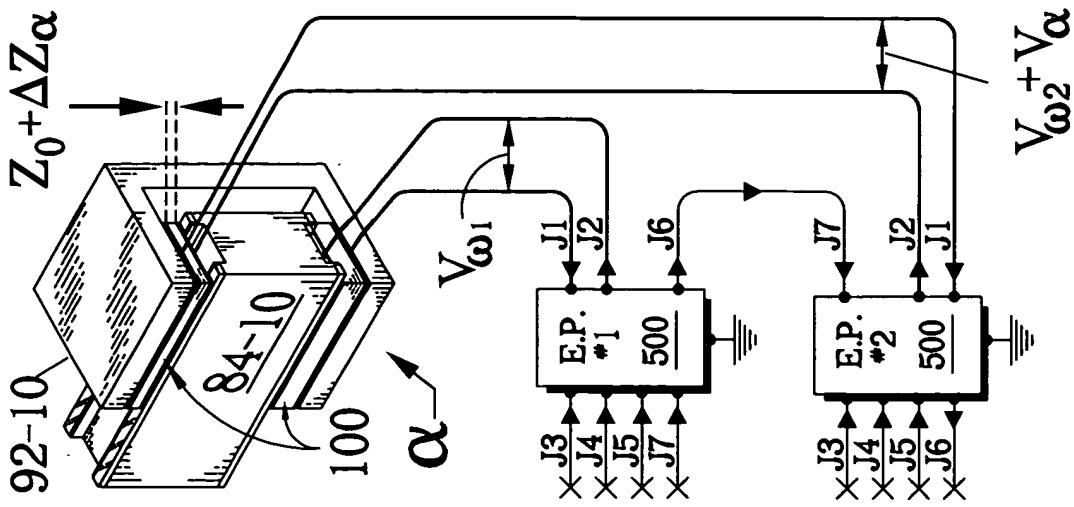


FIG. 20

FIG. 23B

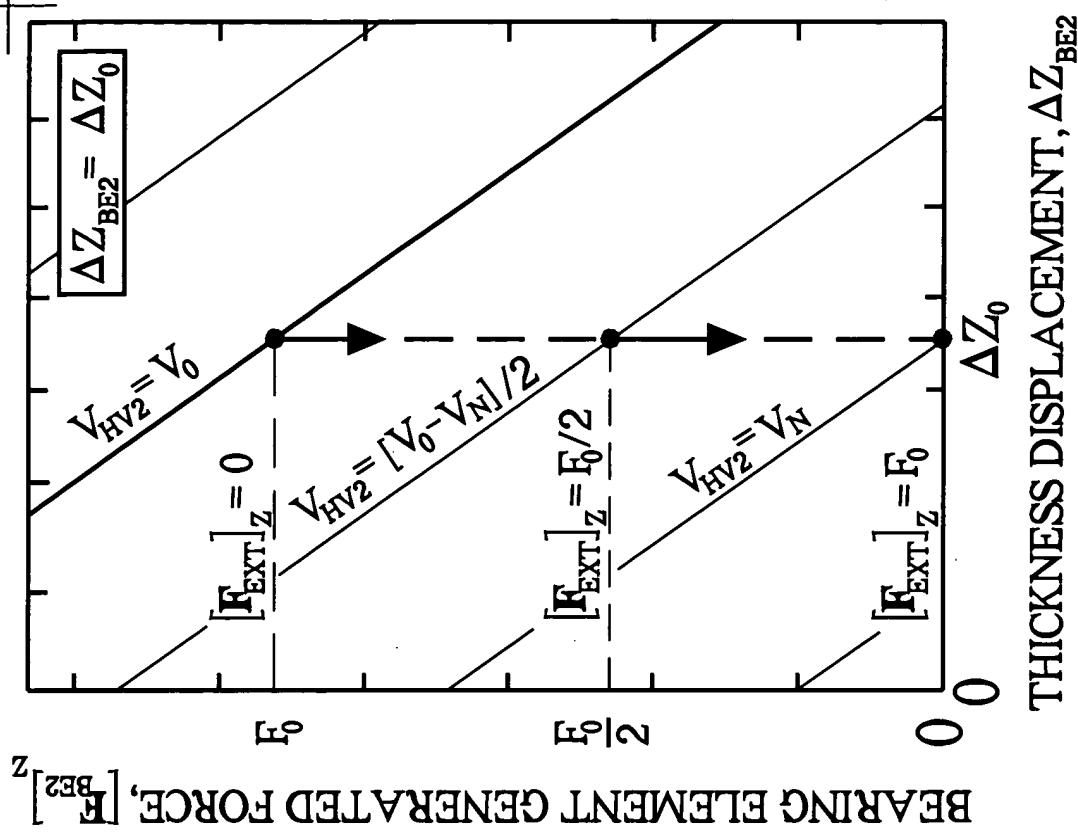
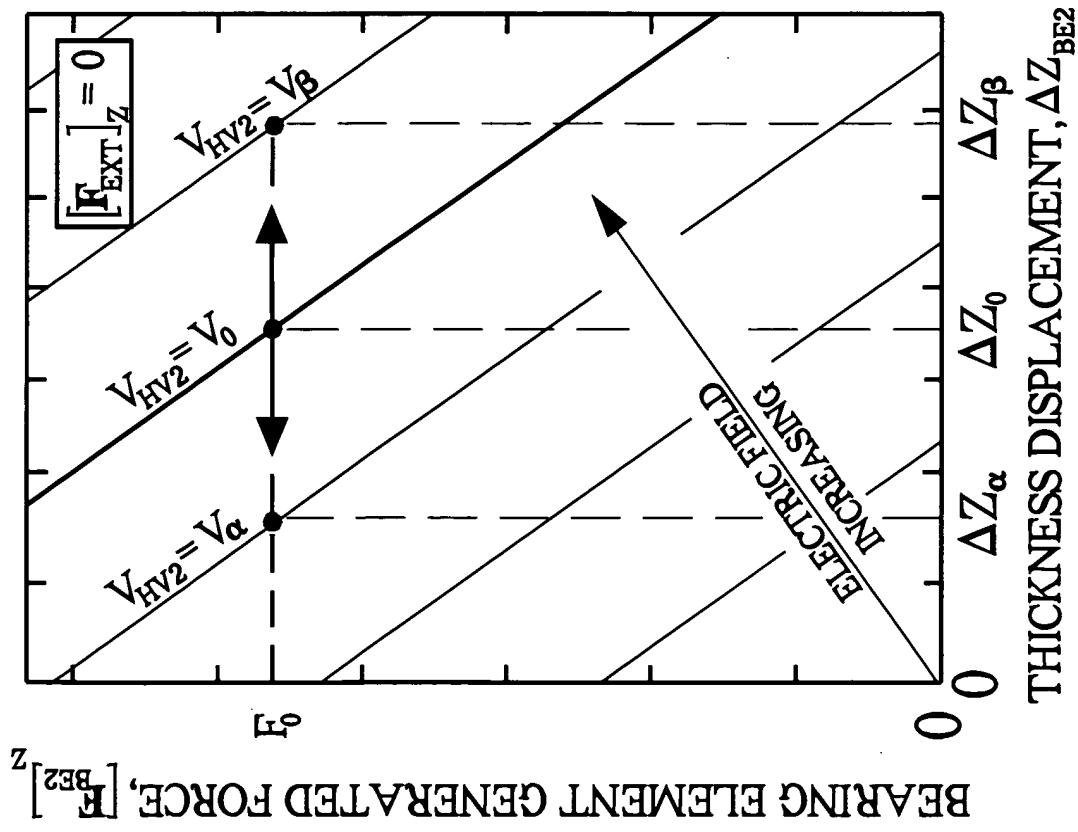


FIG. 23A



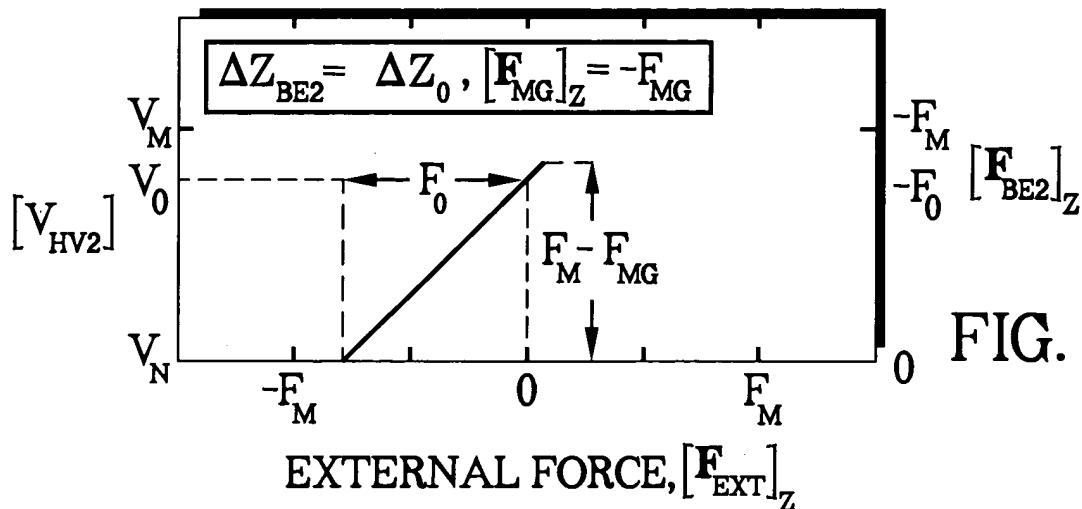


FIG. 24A

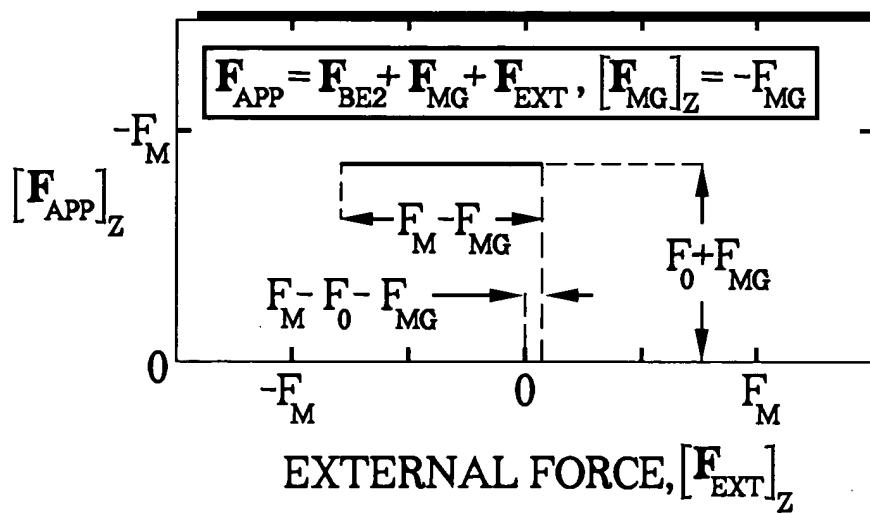


FIG. 24B

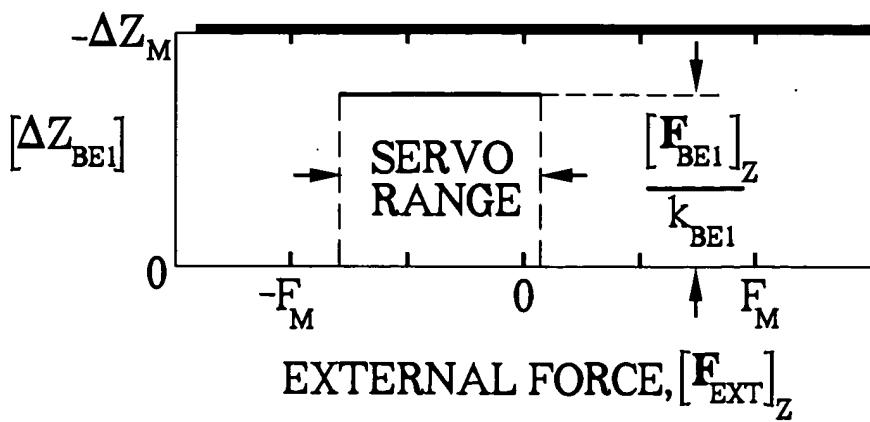


FIG. 24C

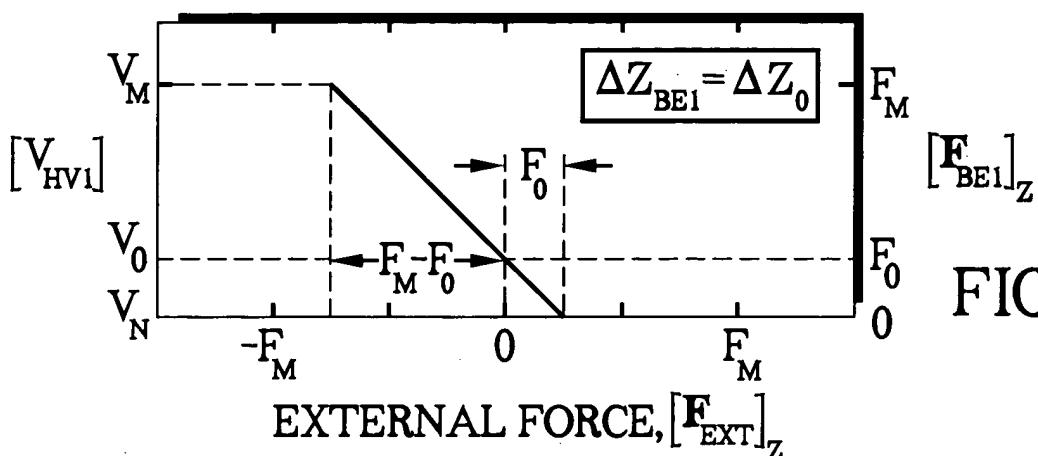


FIG. 25A

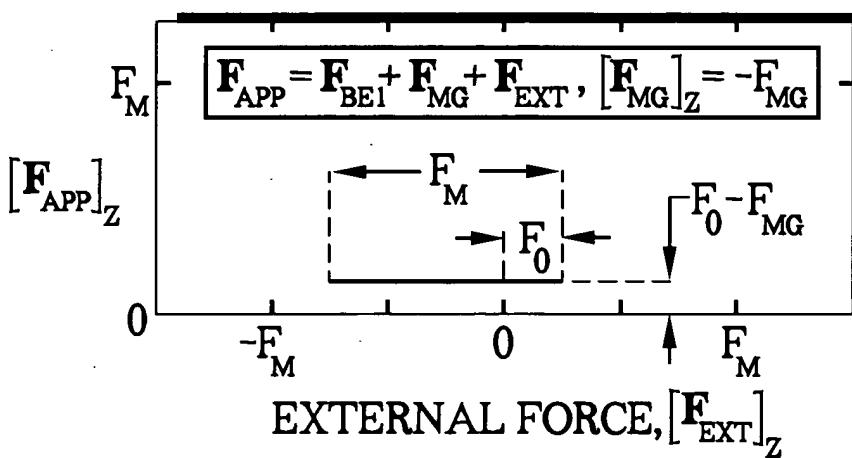


FIG. 25B

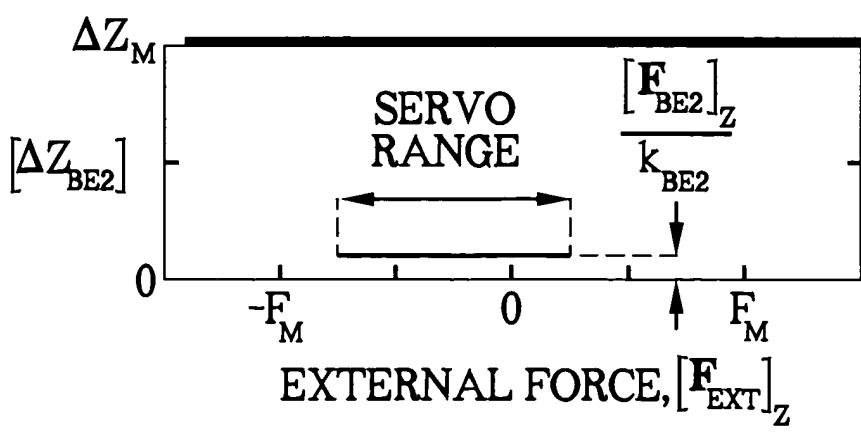


FIG. 25C

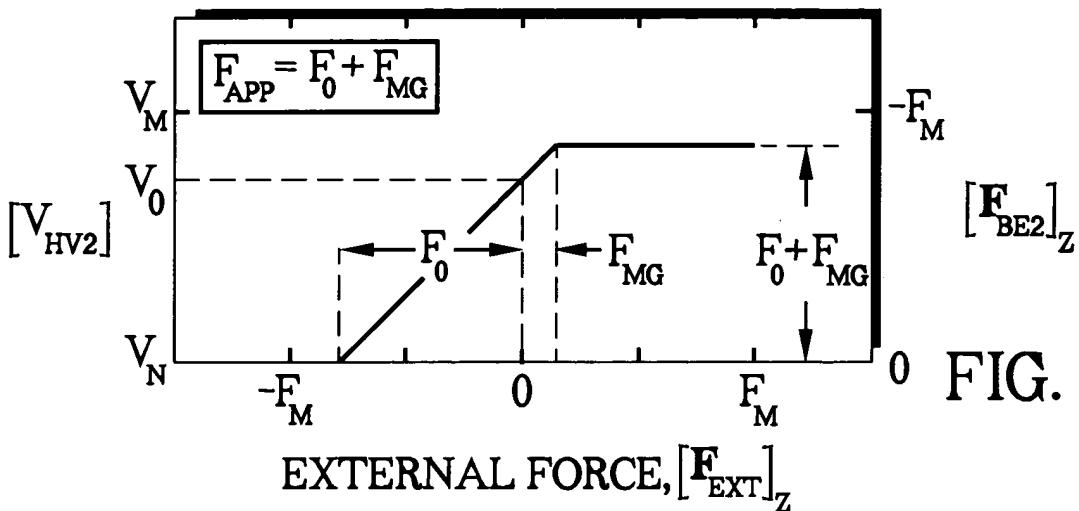


FIG. 26A

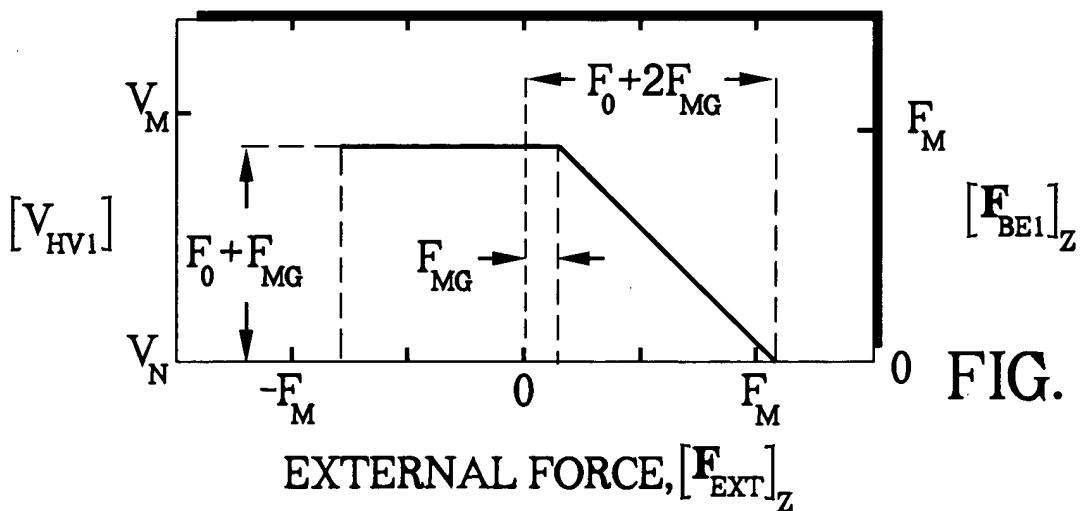


FIG. 26B

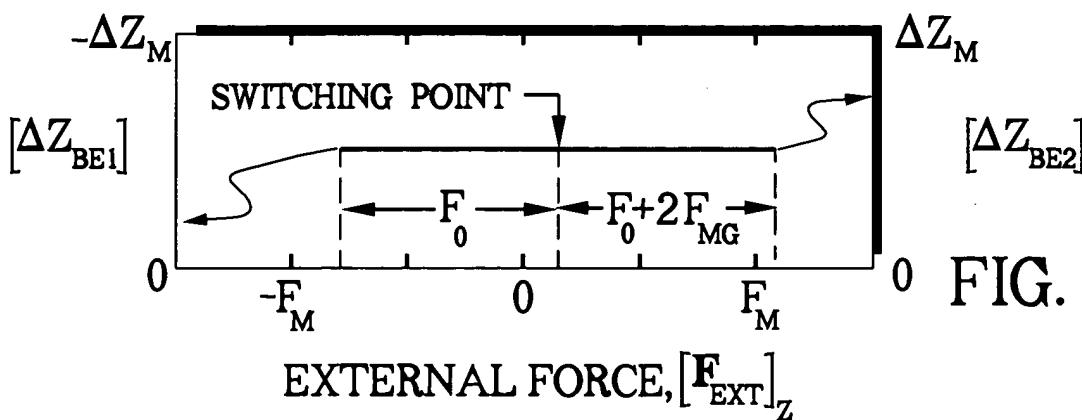


FIG. 26C

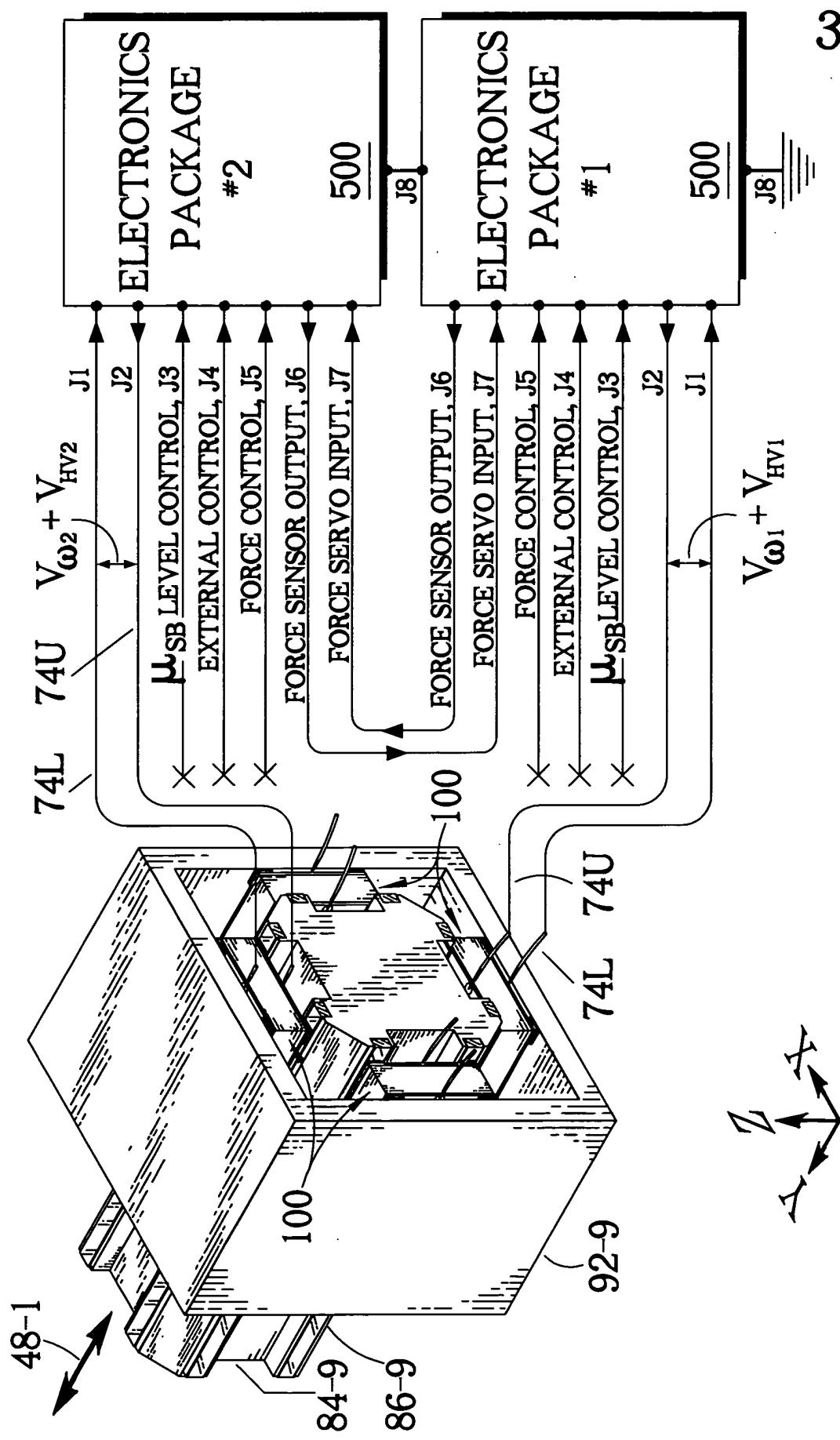


FIG.27